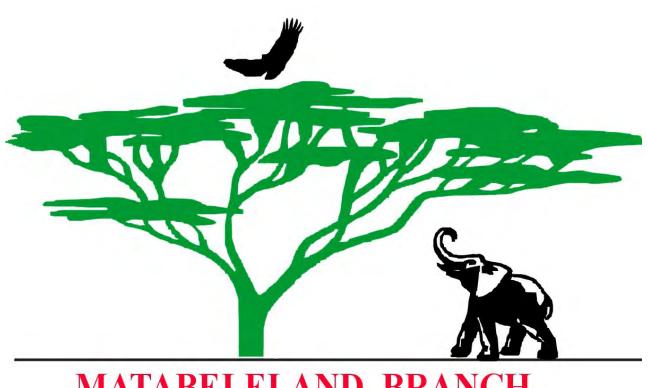
2017 GAME CENSUS FOR HWANGE NATIONAL PARK AND SURROUNDING **AREAS**



MATABELELAND BRANCH

Compiled and Produced by Wildlife & Environment Zimbabwe Matabeleland Branch



WILDLIFE & ENVIRONMENT ZIMBABWE

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- For Environmental Awareness -

Bulawayo. Zimbabwe

GENERAL OVERVIEW OF THE 2017 HWANGE GAME CENSUS

This year's 24-hour Static Pan Census took place from 1200hrs 4th to 1159hrs 5th October, 2017. We received assistance from 293 participating members, all volunteers, making up 89 teams: in comparison, in 2016 we had 83 teams and 91 teams in 2015. The 89 teams were deployed throughout the Park and Safari Lodge/Forestry Areas: 49 teams in the Main Camp Area (with two teams at Dopi Pan), 14 in the Sinamatella Area, 19 in the Robins Area and 7 in the Safari Lodge/Forestry Areas. In comparison, in 2016 with 83 teams, 45 teams were deployed in the Main Camp Area, 12 in the Sinamatella Area, 17 in the Robins Area and 9 in the Safari Lodge/Forestry Areas.

The Aerial Survey, to assess the water situation on the ground, was carried out 22nd to 24th September: having carried out the Hwange Game Census for 48 years now, you will understand that it is important for data collection purposes, to cover as many of our traditional water-holes as possible - 89 water points were allocated to our teams this year, but unfortunately due to last minute cancellations some water-holes of importance to us were not included this year. The aerial survey revealed a massive amount of water in the Park - the Safari Lodge/Forestry, Main Camp, Sinamatella and Robins areas all had good water and to mention, the water on the ground in the most southern section of the Park, where many elephants were seen from the air, was phenomenal, also good were some water-holes in the middle section of the Park, at Triga Vlei, Dadada and Shakwankie Seeps. You can understand from this therefore and just the sheer size of Hwange National Park, that it would be impossible logistically to cover every water-hole with teams, therefore the aim for us is to stick with our traditional water-holes for data purposes. For the Aerial Survey we thank Pat Cox who has been carrying out this survey for 25 years now, in a Park of 14,540 sq. km we would have a real problem on our hands without Pat when it comes to allocating pans to our teams and for this we are most grateful.

Generally speaking, during the census period, it was dry, hot (with a moderate haze) and for the most part clear, with wind gusts (sometimes strong) by day and cooler at night: temperatures ranged from 27:0C upwards at 12:00hrs, with an extreme high of 43:0C at Shapi Pan at 12:00hrs (Main Camp Area) to an extreme low of 7:0C at Dopi Pan at 03:00hrs (Main Camp Area). On the 4th, the moon rise was at 16:49hrs with the sun setting at 18:04hrs, and on the 5th the moon set at 05:20hrs and the sun rose at 05.43hrs (Illumination 98.9%) (Distance 377112km).

Of a possible 111 mammal species in Hwange National Park (189 species total Zimbabwe), this year 39 species were observed, and this number down on the average 45 recorded in previous years: of interest, a high number of 48 species was recorded in 2008. At Kennedy One in the Main Camp Area, the most species of 16 was recorded. Highest number of animals recorded during the census were 2637 at Mandavu West in the Sinamatella Area - 2165 Buffalo making up this number – least animals recorded during the census were 2 Reedbuck at Mahohoma Seep 1 in the Robins Area.

Amongst what we consider some of the more interesting sightings recorded this year and in no particular order, were:-

Aardvark (1): (Safari Lodge/Forestry Area) - Elephants Eye (03:00hrs)

African Wild Cat (1): (Safari Lodge/Forestry Area) - Khulu Lodge

Cheetah (5): (Main Camp Area) – Garakamwe/2: (Sinamatella Area) – Shumba/1: (Robins Area) - Dililo/2: Civet

(7): (Main Camp Area) - Ostrich/1: Kennedy One/2: (Sinamatella Area) - Baobab/2: Mandavu West/1 Shumba/1:

Leopard (4): (Safari Lodge/For

(4): (Safari Lodge/Forestry Area) - Ivory Lodge/1: Elephants Eye/1: (Main Camp Area) - Jambili/1: (Robins Area) Deteema Picnic Site/1:

Honey badger (8): (Safari Lodge/Forestry Area) - Sable Sands/1: (Main Camp Area) - Nehimba Lodge/1: Back Pan /3: (Sinamatella Area) - Mashambo/1: (Robins Area) Deteema Dam/1: Nantwich/1:

Wild Dog (25): (Main Camp Area) - Guvalala/5 (2 Collared): Mfagazaan/7: Secheche/1. (Sinamatella

Area) - Tshompani Dam/10: Tshakabika One/2:

Gemsbok (2): (Main Camp Area) Umkawazaan/2

Porcupine (1): (Main Camp Area) - Caterpillar

Striped Polecat (1): (Safari Lodge/Forestry Area) - Sable Sands

Mammals not recorded this year – Black and White Rhinoceros, Aardwolf, Ant bear, Bats, Bat-Eared Fox, Brown Hyena, Bush pig, Caracal, Clawless Otter, Genet (small spotted), Bush Squirrel, Pangolin, Serval, Sharpes Grysbok, bush babies and Klipspringer.

Lions: Of interest, 91 individuals were recorded at 23 water points in Hwange National Park and the Safari Lodge/Forestry Areas during the census period (last year 119 were recorded): with prides of 4+ in the (Main Camp Area) at Manga One/8 (1M Collared), Ostrich/7, Kennedy One/9, Mbiza/6 (1 with Collar), Secheche/4 and Stoffies/11: In the (Sinamatella Area) at Masuma/8 and in the (Robins Area) - Mahohoma Seep One/9, Mahohoma Seep Two/7 and Deteema Dam/4.

The Presidential Elephant Herd always creates interest, with a total number of 681 individuals being recorded within their home range in the Safari Lodge/Forestry area - it is estimated that this herd is perhaps 5-600 strong. Buffalo numbered 4369, this number down on last years (4919), with herds being recorded at Nehimba pan (171), Ngamo (80), Stoffies pan (282), Mbiza (470) and Kennedy One (42) in the Main Camp Area; at Ganda Pan (195), Khulu Lodge (75) and The Hide (181) in the Safari Lodge/Forestry Area; at Mandavu West (2165) and Camp Hwange (228) in the Sinamatella Area; and at Deteema Dam (337) in the Robins Area.

Generally speaking the numbers of our primates and most of our herbivores were down on the numbers for last year — with the abundance of water and good food resources in the Park we cannot be so bold as to attribute this to "a decline" in numbers as such. Temperatures were high in all areas and it was dry, resulting in a large number of animals being recorded at the water points. The total number of animals recorded during the census, for Hwange National Park and the Safari Lodge/Forestry Areas was 39803 compared with 41100 last year: with Elephant highest on the list at 23681 (with 4542 juveniles) and last year 21613 (with 4221 juveniles): there were 28,241 in 2015 and 22,214 in 2014. 681 (with 130 juveniles) Elephant were recorded in the Safari Lodge/Forestry Areas, 16569 (with 3169 juveniles) in the Main Camp Area, 3433 (with 567 juveniles) in the Sinamatella Area and 2766 (with 642 Juveniles) in the Robins Area: the juveniles representing 19% (approx.) of the Elephant counted during the census.

Elephant:

Elephant were recorded at most water points, with exception of Safari Lodge/Forestry Area - Elephants Eye and Ivory Lodge: Main Camp Area - Livingi: Robins Area - Robins Weir, Nantwich (Tsamhlange Springs) and Mahohoma Seep 3: and Tshakabika 1 in the Sinamatella Area.

Over a thousand Elephant were recorded at Big Toms(1164) in the Robins Area, (1061) at Camp Hwange in the Sinamatella Area and (1302) at Somalisa Camp in the Main Camp Area.

An interesting observation and it was the same scenario last year - in an area of 15sq. km (put an imaginary circle round Jambili, Manga 1, Manga 3, Masumamalisa, the Somalisa camps and Umkawazaan, 5593 Elephant were recorded, representing 23.5% (approx.) of the total number of Elephant for the census. The explanation we guess is simple, water availability and a high concentration in the area of life supporting minerals and salts. The saline content of the water flowing into Umkawazaan is very high – more so than the sea – the Elephant love it! The same goes for a 10 sq. km area – putting a circle round Shumba, Nehimba pan, Grannies pan, Danga and Dwarf Goose (unfortunately Nehimba Seeps which would have been included, wasn't counted this year) – 2575 Elephant were recorded here, representing 11% (approx.) of the total number of Elephant recorded for the census.

Foster Betts reported four years ago – that in comparing Elephant numbers as a fraction of the total count – that Elephant numbers had generally been increasing over the years and it is interesting to know that between 1991 and 1994 that Elephant numbers represented no more that 40% of the census total. The percentage number in the mid-1980s rose to a high of 61% in 2011, representing 20-30% of the total count. In 2012 Elephant numbers dropped from 61% to 44% of the total animals recorded! Perhaps one of the main factors in this drop may have been largely due to the availability of water and food resource. In 2013, 2014 and 2015 there was a steady rise in the percentages from 58%, to 59%, to 61.5% and last year, the Elephant numbers dropped again to 52.5% of the total count. This year the numbers are up again to 59.5% of the total count. All said, the Elephant is the predominant species in the Park.

YEAR	% Elephant
2011	61%
2012	44%
2013	58%
2014	59%
2015	61.5%
2016	52.5%
2017	59.5%

There has been a gradual rise in numbers of "other species" recorded since 2012 to 2016, but this year the numbers were down on 2016 by approx. 17%, this percentage representing 3365 animals. One can only assume with the abundance of water in the park and plentiful food resource that the animals were well spread throughout the park with little need to come in to the pumped pans to drink and be counted. This year was, unlike other years, not stressful regards the animals quest for water.

YEAR	"Other Species"
2011	14,882
2012	18,339
2013	14,159
2014	15,432
2015	17,662
2016	19 487
2017	16 122

Game water conditions were excellent, with most water points holding out during the 24 hour period. On the whole, the condition and behavior of the animals was reported as good and normal, with animal enjoying a drink and the Elephant a wetting, the salt licks and dust baths: having said, the wind played its part with strong gusts perhaps causing some skittishness and nervous behavior amongst a small percentage of animals.

REPORTED AT THE WATER POINTS:-

**As a point of interest, most Snare Injuries and Injuries in General were recorded in the Main Camp Area......

Snare Injuries: (Main Camp Area) Chris' Pan – 1/Elephant left back swelling on knee. Somalisa Acacia -1/Elephant old injury – long slit down third of side – trunk is compromised when drinking. Josivanini – 1/Elephant short trunk. Manga 3 - 1/Juvenile Elephant – trunk missing. Danga -1/m Elephant swollen front leg and short tail. Ngamo – 1/Elephant with short trunk. Caterpillar – 1/f Elephant badly injured back leg. (Robins Area) Mahohoma Seep 1 – 1/Juvenile Elephant short trunk: 1/f Elephant short damaged trunk.

Injuries in General: (Forestry) Khulu Lodge -1/BB Jackal lame. (Main Camp Area) Manga 1 - 1/Juvenile Elephant limping - right back foot. Chris' Pan - 1/juvenile Elephant limping - front leg. Broken Rifle - 1/Hyena injured right front leg - limping. Somalisa Acacia - 1/juvenile Elephant missing tip of trunk. Josivanini - 1/juvenile Elephant broken leg. Mbiza - 1/Elephant broken left back leg. Little Samavundhla (Natural Pan) - 1/Elephant damaged left back leg (misshapen). Umkawazaan - 1/Giraffe injured left thigh. Dopi - 1/juvenile Elephant had undersized trunk. Nyamandhlovu - 1/Zebra limping. Ngweshla - 1/f Elephant limp - rear leg. Shapi - 1/Spotted Hyena limping. Grannies pan - 1/Hyena - one ear only. Back pan - 1/Elephant broken ear. (Sinamatella Area) Baobab - 1/m Elephant dislocated back right leg: Camp Hwange - 1/m Elephant lame back right leg. Tshakabika - 1/Spotted Hyena - limp - right front leg. Tshakabika 2 - 1/m Impala broken right rear leg. Tshompane Dam - 1/Spotted Hyena with limp. (Robins Area) Mahohoma Seep 1 - 1/f Lion injured back left paw and 1/juvenile male injured and thin. Deteema Dam - 1 Kudu with belly abyss.

Short and Missing Tails: (Forestry Area) Ivory Lodge - 1/Baboon - stump for a tail. (Main Camp Area) Madison - 1/m

Sable short tail and limping and 1/m Elephant short tail and injured back right leg. Chris' Pan - 1/juvenile Elephant. Nehimba Lodge - 1/m Elephant. Broken Rifle - 1/juvenile Elephant - no tail. Masumamalisa - 1/m Elephant short tail. Josivanini -1/juvenile Elephant no tail. Nyamandhlovu - 2/juvenile Elephant cropped/no tail and 1/Giraffe with half a tail. Shapi - 1/Elephant. (Sinamatella Area) Baobab -1/juvenile Elephant half a tail and 1/juvenile no tail at all. Bumbumutsa - 1/Elephant without tail. Camp Hwange - 1/juvenile Elephant no trunk! Shumba - 1/Zebra missing tail. Tshakabika - 1/Bush Squirrel missing tail. Tshompane Dam - 1/juvenile Elephant no tail. (Robins Area) Mahohoma Seep 2 - 1/m Lion tip of tail missing.

Mange: (Main Camp) Stoffies pan - 1/Buffalo.

Carcass at water-holes: (Sinamatella Area) Kashawe Viewing - Buffalo carcass in the vicinity. Tshompane Dam - Kudu carcass in water (Lappet faced and Yellow-billed Kites feeding on carcass)

Successful Kills: (Sinamatella Area) Tshakabika – Wild Dogs killed an Impala during night of 4th. (Robins) Tshowe River – 2 Cheetah killed Warthog.

Nervous/Skittish: (Main Camp) Masumamalisa – Impala, Roan, Kudu and Zebra nervous. Mfagazaan – Sable, Kudu and warthog nervous. Kennedy 2 – Kudu skittish. Mandisika – Zebra skittish. (Sinamatella Area) Baobab – Kudu, Impala, Warthog, Zebra and Elephant nervous – perhaps strong winds attributed. Camp Hwange – Zebra and Roan nervous. Kashawe Viewing – 5/Elephant nervous – few animals drank! (Robins Area) All animals at Reedbuck Vlei – very few drank. Few drank too at Little Toms, Robins Weir, Deka Camp and Nantwich (Tsamhlange Springs). 1/Roan and some Elephant at Deteema Picnic Site nervous. Chingahobe Dam – 9 Elephant nervous.

Collared Animals: (Main Camp) Manga 1-1/m Lion collared. Guvalala – Wild Dog 2/U collared. Somalisa Main – 1/f Elephant collared. Mbiza -1/f lion collared. Ngamo – 1/m lion collared. Ngweshla – 1/f Elephant collared. Shapi – 1/m Elephant collared. Back Pan – 1/m Lion collared. Stoffies pan - 1/f Elephant and 1/f Buffalo collared. Tags: (Main Camp Area) None recorded.

Tusk less Elephant: (Main Camp Area) Somalisa Main – 1/f. Somalisa Acacia – 1/f. Ngweshla – 3/f.

(Sinamatella Area) Tshompane Dam -1 /f Elephant.

Unusual Markings: (Robins Area): Big Toms – 1/f albino Impala.

Poaching Incidents:

(Main Camp) - Makwa - poacher present from 2100hrs 4/10/2017 for at least an hour. (ZPWMA follow-up made)

(Main Camp) - Mabuya Mabena - presence of poacher 0515 5/10/2017 (torch light!)

(Main Camp) – Mbiza – vehicle driving very slowly down the length of the railway line at 01.30(am) on 5/10/2017

(Sinamatella) - Mashambo - team heard gunshot at 1030hrs 5/10/2017.

Fire: (Main Camp) – Bush Fire during census Bembesi going west.

Unusual Sightings: (Main Camp Area) - Little Samavundhla - a Warthog slept for a long time in the pan. Little Makalolo - 6 Hyena in pan. Grannies Pan - Elephant ganged up on 7 Hyena which sat in waterhole. Back Pan - Honey-badger at 2221 being chased by crow!! (Robins Area) Big Toms - Hyena lay in the pan for some time.

General Sightings of Interest:

(Main Camp Area) Kennedy 1 - 113 Wildebeest. Somalisa Acacia – 1/Elephant calf floppy ear. Kennedy 1 - 113 Wildebeest. Wexcau - 156 Zebra. Scotts pan – 60 Eland and 69 Sable. Beehive in solar panel pole at Mbiza. Mbiza – Black-backed Jackal with suckling pup. Danga – 1/newborn Elephant. Samavundhla -1 resident Hippo – calved during the census. Umkawazaan – 2 Gemsbok recorded in the company of 3/m kudu. (Robins Area) Crocodile Pools – 18 resident hippo. Salt Pan - 42 warthog.

Trends for several species can now be viewed graphically in this report and it is important to note, that census numbers are substantially reduced by Bad Weather during the count period and on the other hand on the upper side by the presence of Abundant Surface Water in the Park, and the graphs show large variations because of this. Two extreme years were 1997 and 2009.

These results indicate that there are significant factors affecting the populations of a number of species, although only detailed analysis by wildlife scientists can properly interpret the data. As can be seen from the "Selected Species" table, there is some variation in the number of pans counted each year, which although relatively small compared to the decreases in the count numbers, must be taken into account. Other factors must be considered in using "pan count" data, but its use in the 2006 PH. D. theses of Marion Valeix and Simon Chamaille-Jammes has demonstrated its overall scientific usefulness.

During the census we carry out a bird census - a total number of 228 (last year 195 species) were recorded during the 24hr census period – 160 of the 228 species in the Main Camp Area, 113 in the Sinamatella Area and 156 in the Robins Area. Of interest recorded during the count were a number of Bateleur, Kori Bustard, White Breasted Cormorant, Eagles (Martial, Tawny, Fish Eagle), Kites (Yellow-Billed and Black), Red-crested Korhaan, Southern Ground Hornbill, Grey Crowned Crane, Ostrich (Ngweshla, 1/m and 1/f and 16 chicks Masumamalisa, 1/m and 1/f and 15 chicks),Oxpeckers (Red and Yellow-Billed), storks (Black, White, Marabou and Saddle-billed), White Pelican, Secretary Bird, African Skimmer, Owls (Barn, African Scops, Southern white-faced, Pearl-spotted, Spotted Eagle, Verreaux's) and Vultures (Cape, White-backed, White-headed. Hooded and Lappet-faced) were recorded. Common Myna (Sinamatella area). An interesting observation at Kennedy 2 pan by Bertie Cremer, is that one of the Black-backed Jackals went from vulture to vulture (35 White-backed) sniffing their faces. The vultures seemed unperturbed by this! This behavior was repeated a few times. For the full report contact is Karen Learmonth, Birdlife Zimbabwe Matabeleland Branch Chairman, afspec@yoafrica.com

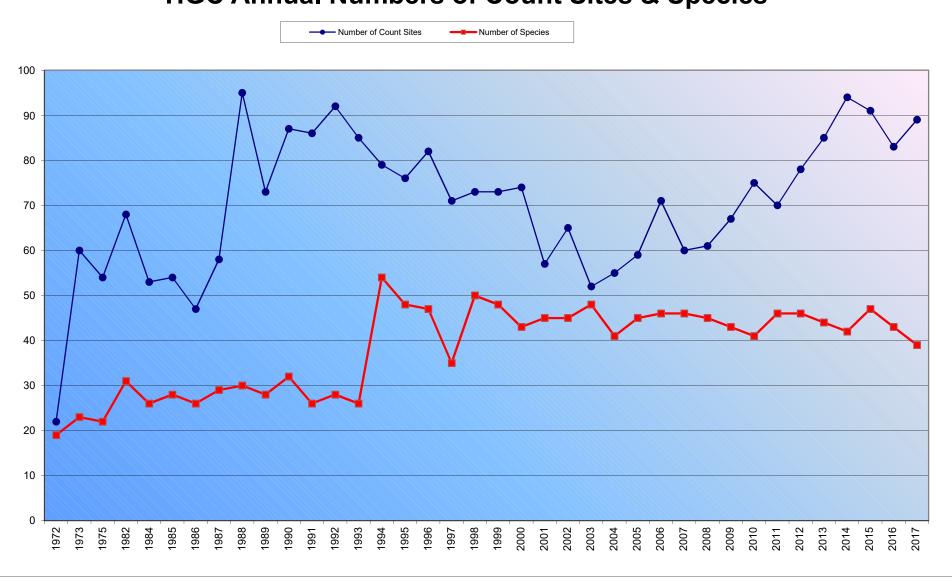
In conclusion, we have many to thank: Zimbabwe Parks and Wildlife Management Authority and staff for their continuing support of this census: the concession holders and lodges for their assistance in allowing us access to their water holes for the census period: all participating members for their very important contribution: and Karl Schmahl and his team for collating the data and Rob Whiley for input of graphs - all of which contributing to the success of the census and compilation of this report.

A pdf file is available for anyone who would like to receive this by E-Mail. Game Census Coordinator (Pam Birch)

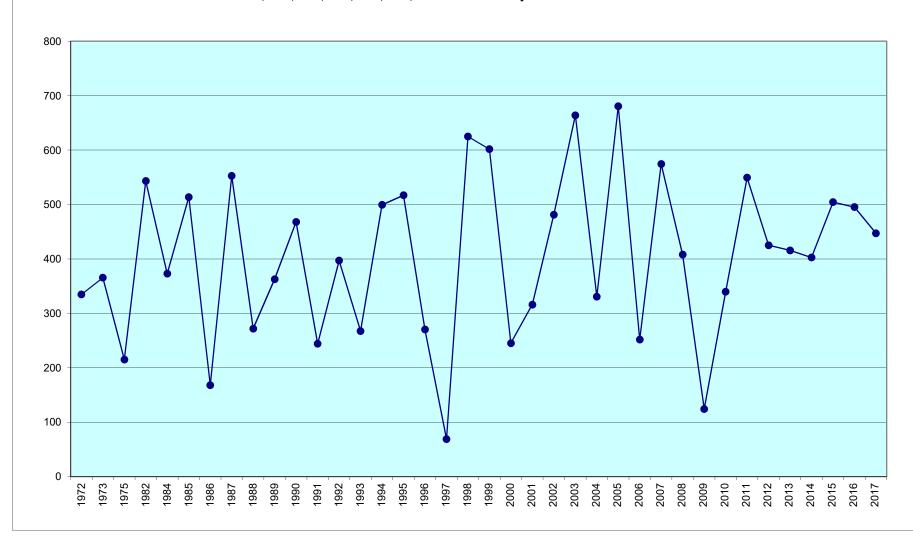
HWANGE NATIONAL **PARK** MATABELELAND BRANCH 500000 51 55 18°15 South 798 41 42₁₅ TO VICTORIA FALLS ₁₅53 52 54 797 79**7** 796 SHANGANI ⁷⁹6 CROSS ⁷⁹5 795 GWAI)
RIVER GUA ARIVER TO BUILDING 793 794 793 792 SIBUYU CREAM OF TARTAR ^{'9}2 WHITE HILLS NGA GIRAFFE SHALLO SPRINGS GRAVE 791 791 790°000 790°M 789 789 TINDER 788 788 BEAVER MANGISIHOLE 15` 78**7** 78**7** 786 KORODZIBA GATE KOROZIBA PAN & VILLAGE GWABAZABUV 786 **Pans Dams** 785 785 Marsh or Seasonal **Swamp** Rivers 784 784 **Tracks** Roads Park Boundary 783 783 **Botswana Border Camps** 782 782 **Picnic Sites** 45` Scale(km) 781 781 **Produced By** The Matabeleland Branch of Wildlife & Environment 780 780 Zimbabwe. Copy Right Reserved. C2003 779⁰⁰⁰⁰
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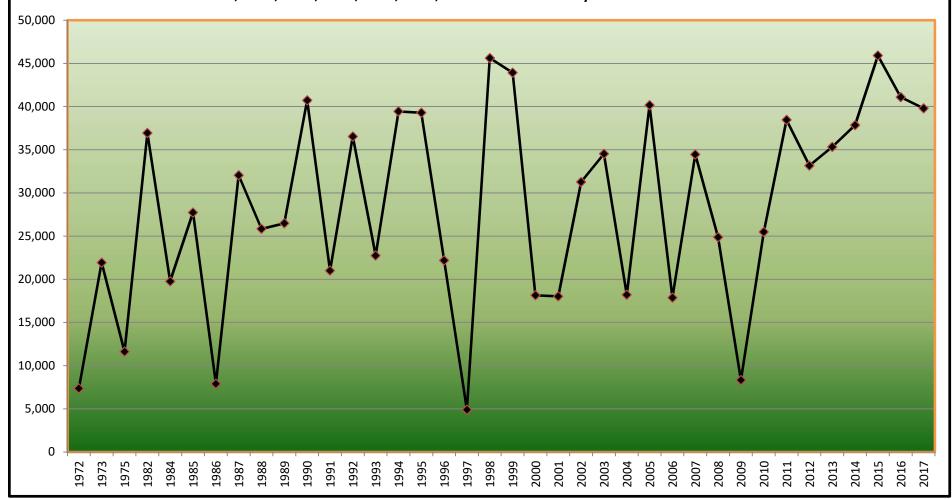


HGC Annual Averages for Count Sites 1991, 1993, 1996, 1997, 2009 were affected by Bad Weather 2000, 2001, 2004, 2006, 2008, 2014, 2017 were affected by Abundant Surface Water



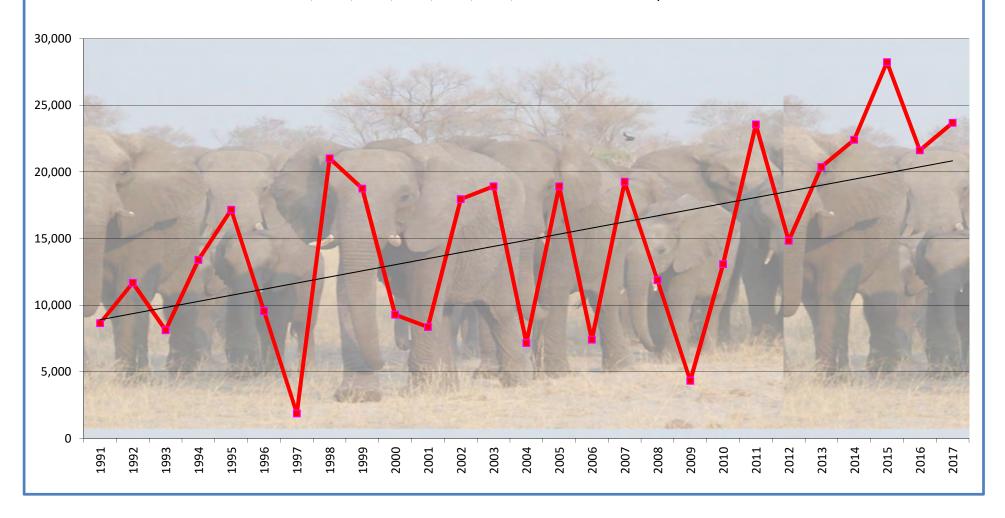
HGC All-Species Total Counts

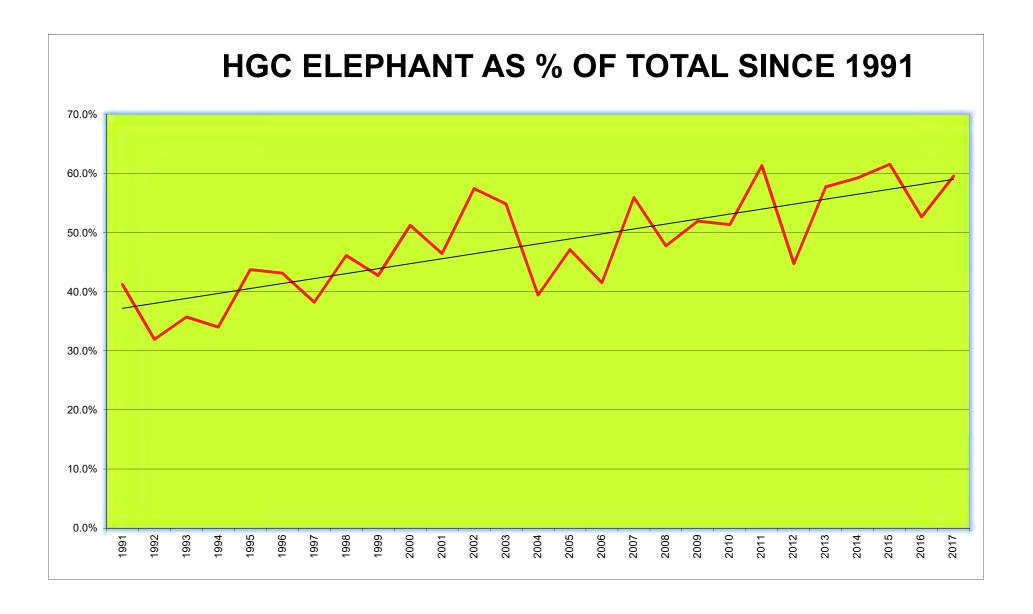
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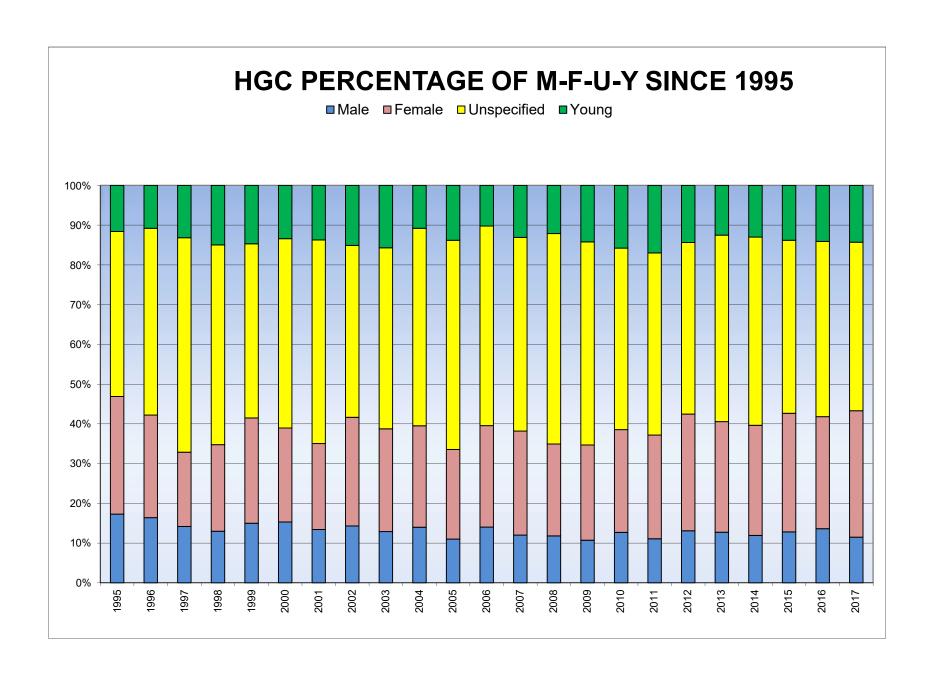


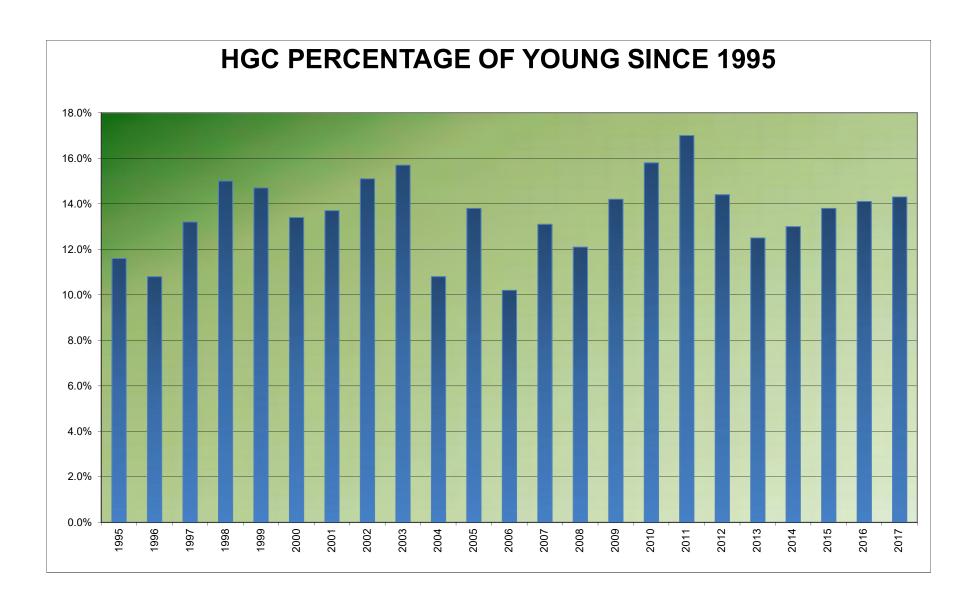
HGC ELEPHANT COUNTS SINCE 1991

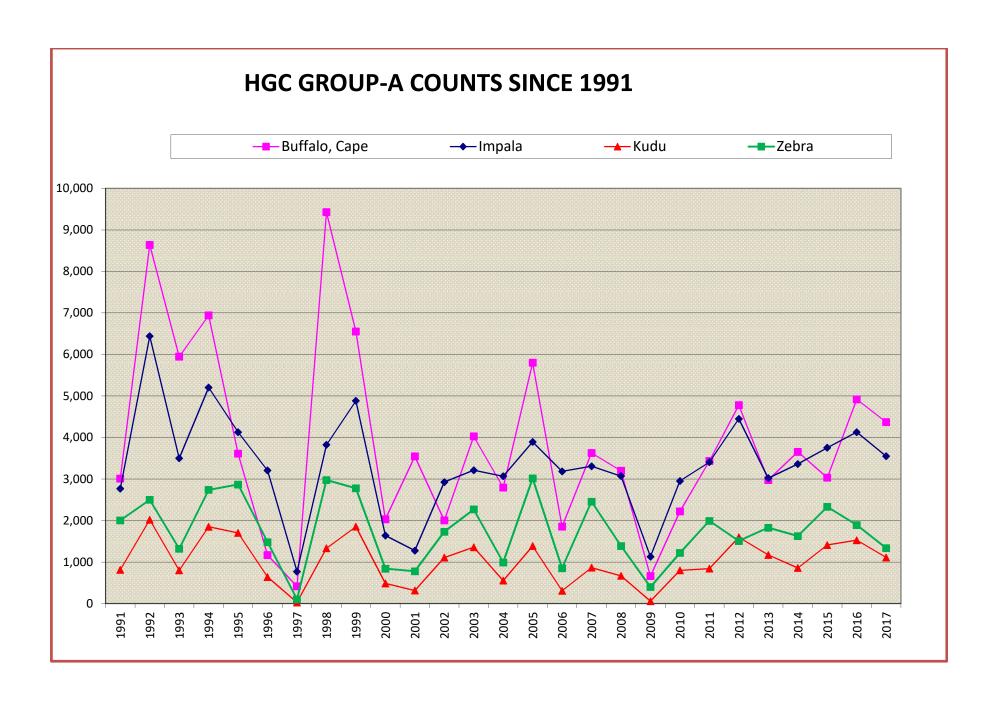
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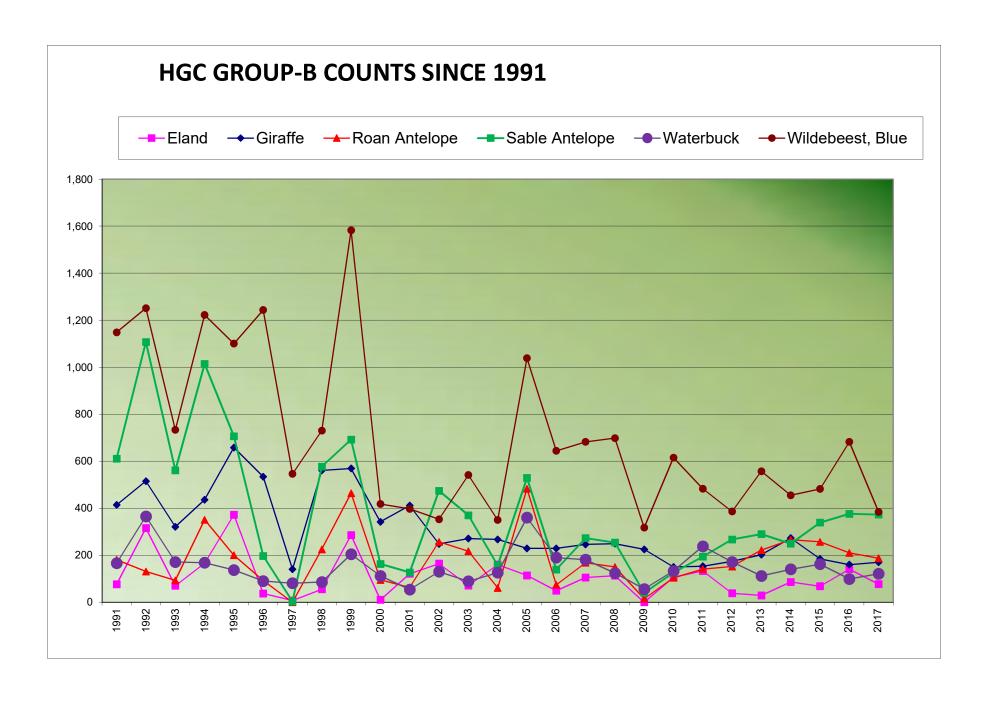


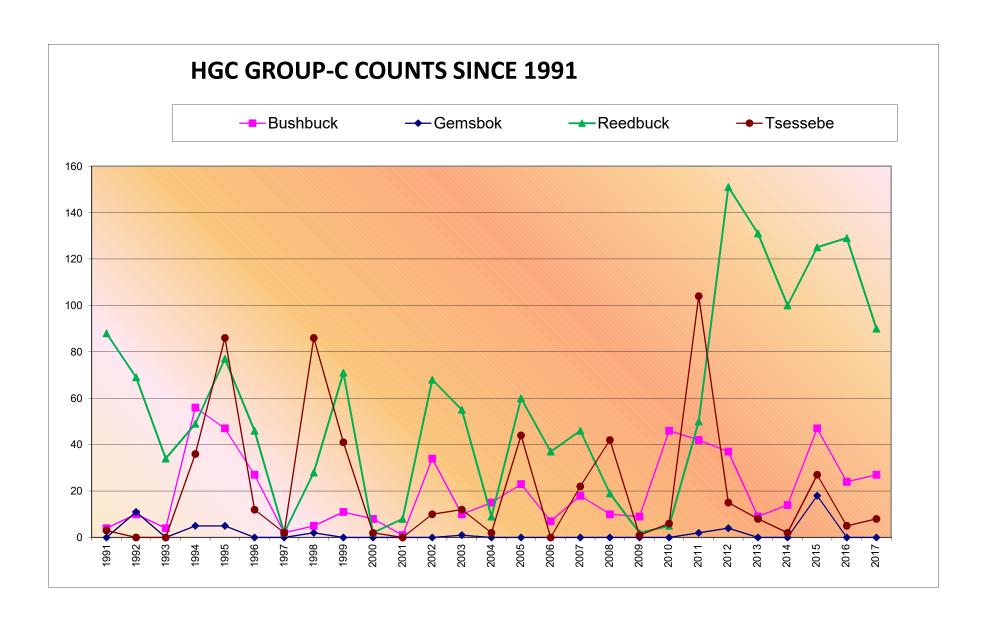


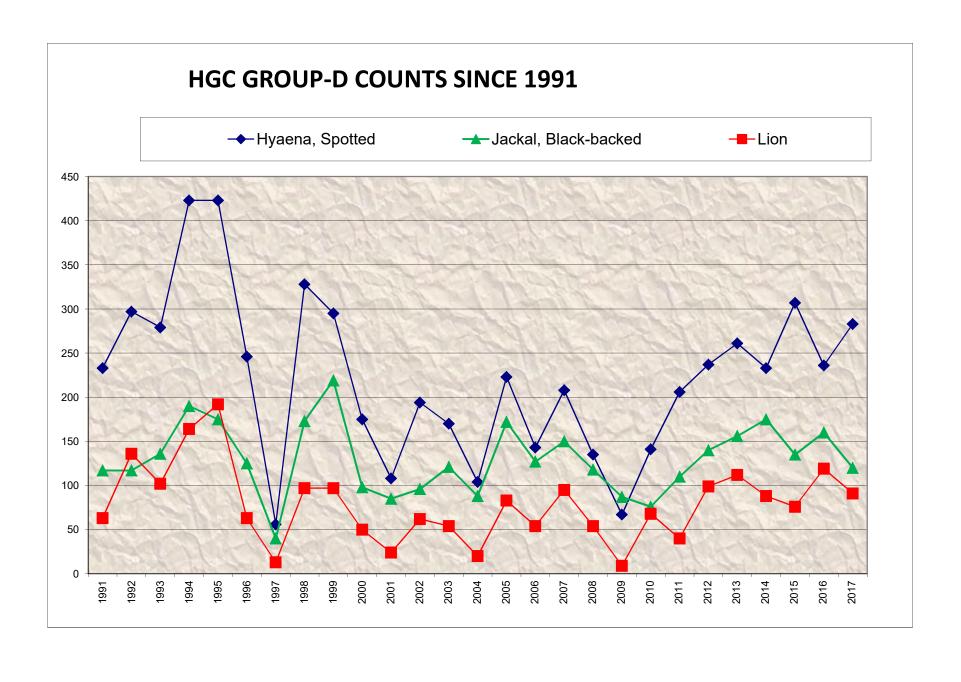




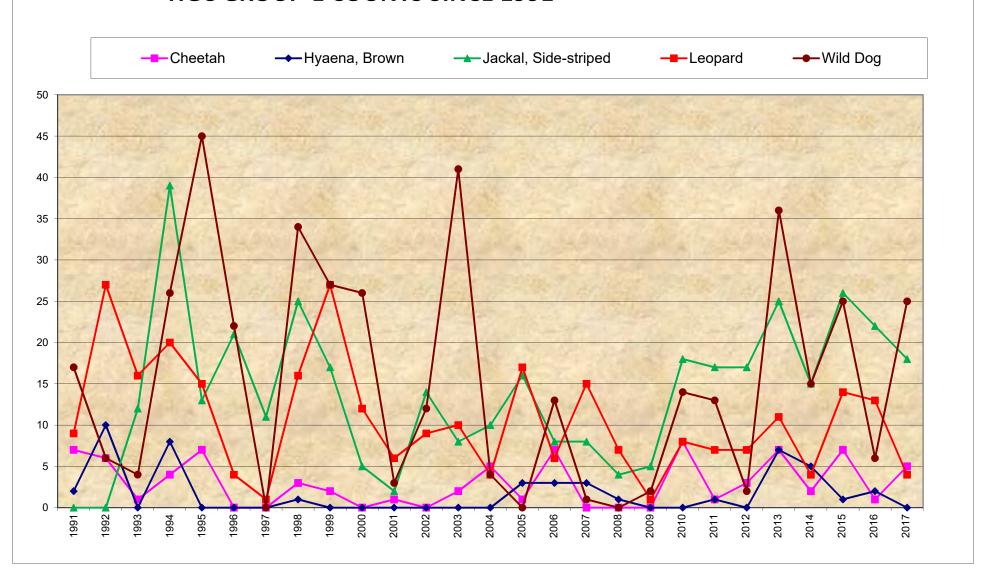


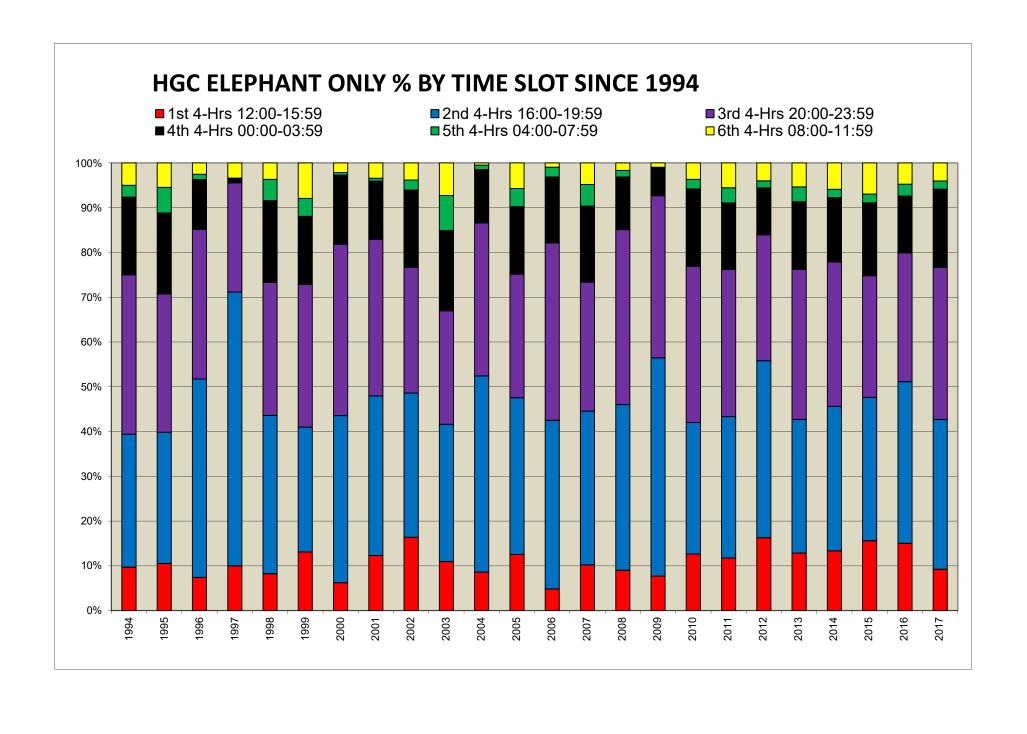


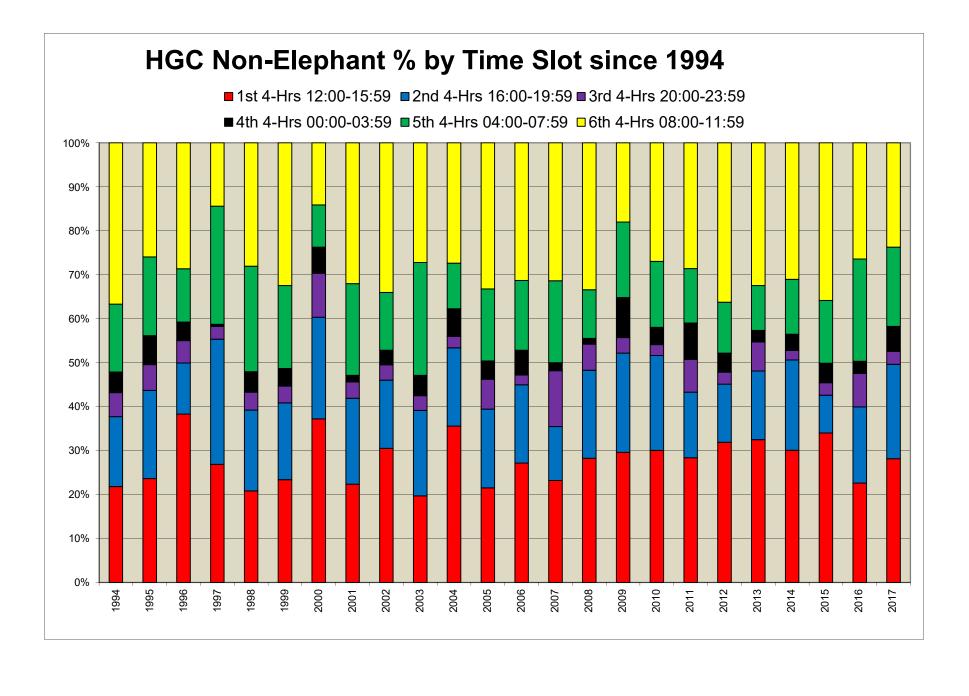












Species Average	4_	<u>س</u>	9_		∞	ெ _	0_	₽_		ლ_	4_	<u>ι</u> υ	9_		∞_	<u></u>	0_	т_	_ 5	ო	4_	ъ_	9_		1994-
Group Sizes (per Sighting)	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2017 Avg
Aardvark														1.0		2.0								1.0	1.3
Aardwolf	1.3		1.0		1.0	1.0					1.0	1.0	1.5	1.0	1.0	2.0			1.0			1.0			1.2
Baboon, Chacma	19.6	19.6	21.0	21.1	23.5	22.0	18.1	32.1	22.9	15.9	27.7	20.7	22.4	19.7	24.6	30.2	25.1	17.7	18.6	21.2	23.0	16.3	19.5	20.3	21.8
Bat, Yellow House		1.0						1.0																	1.0
Bat-eared Fox	6.0	1.0	2.0	2.0	2.0	1.0	2.5	3.0	2.0	2.0	2.3		1.3	2.0	1.7			1.0							2.1
Buffalo, Cape	44.5	35.8	25.9	31.9	40.0	49.6	32.3	64.5	21.1	25.7	63.5	48.3	61.8	44.2	69.5	47.2	41.1	33.0	62.9	50.4	51.5	27.3	83.4	69.4	46.9
Bushbuck	1.4	1.3	1.4	2.0	1.0	1.4	1.3	1.0	1.4	1.3	1.4	1.2	1.2	1.4	1.4	3.0	1.6	2.5	1.7	1.8	1.4	1.4	1.7	1.6	1.5
Bushpig	4.2	3.1	2.0	2.0				1.0		4.0			1.0	3.5		3.0	4.0	7.0							3.2
Caracal							1.0		1.0											1.0					1.0
Cat, African Wild			1.0		1.0	1.0		1.0						1.0			1.0	1.0	1.0			1.0	1.0	1.0	1.0
Cheetah	1.3	1.2			1.5	1.0		1.0		1.0	2.5	1.0	3.5				2.0	1.0	1.0	1.8	2.0	2.3	1.0	1.7	1.6
Civet	1.0	1.0	1.0		1.0	1.1	1.0	1.0	1.2	1.0	1.0	1.0	1.0	1.3	1.0	1.0	1.0	1.0	1.3	1.0	1.0	1.0	1.0	1.0	1.0
Crocodile, Nile	3.0	4.4	5.7	2.9	4.4	5.9	3.3	2.3	4.2	14.6									1.9		1.3	10.0			4.9
Doormouse																1.0									1.0
Duiker, Common	1.3	1.1	1.3		1.3	1.2	1.2	1.3	1.0	1.5	1.5	1.1	1.0	1.4	1.1	1.0	1.3	1.5	1.2	1.5	1.0	1.2	1.2	1.1	1.2
Eland	3.1	5.6	3.4	3.5	2.1	7.7	1.7	9.3	5.3	4.4	8.0	2.9	4.9	3.6	28.3		21.2	8.9	3.2	2.6	6.1	3.1	7.8	15.4	7.1
Elephant, African	7.1	6.1	6.3	6.2	6.5	6.3	6.4	6.9	7.1	6.6	6.9	7.1	6.9	6.9	8.3	8.2	7.9	7.0	6.1	7.3	7.1	7.2	7.2	7.3	7.0
Gemsbok	5.0	5.0			2.0					1.0								2.0	2.0			3.0			2.9
Genet, Small-spotted	1.0				1.0		2.0		1.0				1.0			2.0			1.0				1.0		1.3
Giraffe	2.1	2.2	2.6	2.6	2.4	2.4	2.3	2.7	2.4	1.8	2.5	2.2	3.1	2.4	2.8	3.4	2.4	2.1	2.0	2.4	2.7	1.9	1.7	2.3	2.4
Grysbok, Sharpe's					1.0	1.0		1.0	1.0			1.5			1.0		2.0	1.0	1.0	1.5		1.0			1.2
Hare, Scrub	1.3	1.2	4.2	2.3	1.1	1.2	1.4	1.3	1.3	1.2	1.2	2.0	1.2	1.0	2.1	1.0		1.0	1.1	1.4	1.2	1.5	1.1	1.0	1.5
Hartebeest, Red	1.0											1.0	1.0	1.0	1.0										1.0
Hippopotamus	3.9	5.8	3.5	2.6	6.3	2.4	3.7	2.3	4.2	3.2	2.8	3.1	3.3	3.2	5.6	4.0	4.9	5.3	8.8	4.2	4.2	5.8	5.0	4.7	4.3
Honey Badger	1.2	1.3	1.3	2.0	1.5	1.1	1.1	1.0	1.2	1.1	1.3	1.1	1.1	1.0	1.3	1.3	1.5	1.4	1.2	1.2	1.1	1.1	1.0	1.3	1.2
Hyaena, Brown	2.0				1.0							1.0	3.0	1.0	1.0			1.0		2.3	1.7	1.0			1.5
Hyaena, Spotted	1.9	1.8	1.6	1.4	1.8	1.8	1.6	1.5	1.9	1.9	1.7	1.8	1.7	2.1	1.9	1.6	1.6	2.2	1.7	2.0	1.7	1.6	1.7	1.9	1.8
Hyrax, Rock	1.0			6.0	3.7					10.0					28.0	5.0	5.5	2.5	2.0	1.5		2.0	23.0	11.5	7.8
Hyrax, Yellow Spotted	1.0	8.0		18.0		14.5	28.0					2.0	1.0												10.4
Impala	10.2	9.3	11.4	10.3	10.3	11.5	8.3	9.5	10.8	9.8	11.2	10.9	13.4	11.1	13.7	11.5	10.3	11.4	11.4	10.0	9.7	10.7	10.7	9.9	10.7
Jackal, Black-backed	1.3	1.3	1.3	1.3	1.4	1.2	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.3	1.4	1.4	1.3	1.2	1.3	1.3	1.4	1.1	1.3	1.3	1.3
Jackal, Side-striped	1.2	1.1	1.1	1.2	1.3	1.3	1.3	1.0	1.1	1.0	2.0	1.0	1.3	1.3	1.3	1.0	1.2	1.2	1.2	1.3		1.1	1.2	1.1	1.2
Klipspringer	1.5	5.0	1.0		2.3	1.8			3.0	1.0	2.0			3.0	2.0	2.0			2.0	3.0	2.0	2.7	3.0		2.3
Kudu	4.4	4.4	4.7	9.0	4.4	4.4	4.3	5.1	4.3	4.2	4.2	4.5	4.5	4.6	4.8	4.1	4.6	3.9	4.1	4.3	4.2	4.3	4.6	4.7	4.6
Leopard	1.0	1.0	1.0	1.0	1.1	1.1	1.0	1.0	1.1	1.1	1.0	1.2	1.0	1.0	1.0	1.0	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Species Average Group Sizes (per Sighting)	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	1994- 2017 Avg
Lion	3.0	3.7	3.5	2.2	2.8	2.9	2.8	2.0	3.4	2.6	3.3	3.3	2.4	3.2	2.4	1.8	2.4	1.9	3.1	2.7	2.8	3.2	2.5	2.8	2.8
Mongoose, Banded	25.8	9.9	12.9		12.2	13.9	10.3	11.7	10.5	9.9	12.3	21.5	13.4	19.0	11.7	15.0	10.0	8.7	7.7	11.0	17.7	1.0	8.0	17.5	12.7
Mongoose, Dwarf	2.0	1.0	2.5				3.7	3.5	2.9		4.6	2.0			3.0	3.0	1.0	4.8	2.0	1.8	6.0	4.1	4.5		3.1
Mongoose, Large Grey			1.0																						1.0
Mongoose, Selous	1.0								1.0					1.0						1.0					1.0
Mongoose, Slender Mongoose, White-	1.2	1.0	1.5	1.0	1.0	1.8	2.0	1.1	1.0	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.2	1.0	1.7	1.0	1.0	1.1	1.0	1.1	1.2
tailed	1.3	1.0	2.3	1.0	1.0	1.0	1.1		1.0	1.0	1.3	1.5	1.0	1.0	1.2	1.0	0.8	2.1	1.2	1.0	1.0	1.0	1.0	1.0	1.2
Mongoose, Yellow						1.0				1.0															1.0
Monkey, Vervet	6.7	5.3	5.4	3.1	6.4	6.4	7.8	7.0	6.1	6.1	6.2	6.3	7.9	7.5	6.7	2.7	8.6	10.9	7.5	6.2	4.7	6.4	6.7	6.8	6.5
Mouse, Namaqua Rock					1.0	5.0																			3.0
Night Ape	2.0																								2.0
Ostrich	3.5		3.8																		2.0				3.1
Otter, Clawless		2.0								1.0												2.0			1.7
Pangolin										1.0															1.0
Polecat, Striped		1.0	1.0					1.0		1.0		1.0	1.0											1.0	1.0
Porcupine	1.0	1.0			1.3	1.0	1.0	1.0	1.1	1.0	2.0	1.0	1.0	2.0	1.0		1.0	1.0	1.0	1.0	1.0	1.5	2.0	1.0	1.2
Reedbuck	2.0	2.1	2.3	2.0	1.8	2.2	2.0	2.7	4.3	2.3	1.3	2.4	2.2	2.3	2.4	1.0	1.3	2.1	3.2	3.3	2.9	3.3	3.0	2.9	2.4
Rhinoceros, Black	1.2	1.0	2.0	1.0	1.3	1.0	1.0	1.0	1.3	1.4		2.0	1.3	1.0	1.0			1.0		2.0					1.3
Rhinoceros, White	2.0	1.5	1.0		2.0	1.7	1.2	1.3	1.5	1.7	1.4	1.7	1.7	1.6	1.6	1.0		1.0	1.0						1.5
Roan Antelope	3.7	3.3	4.4		3.1	4.4	3.4	3.9	3.2	3.0	5.6	3.7	6.2	3.2	5.6	2.5	3.6	3.4	3.9	6.0	5.9	3.9	3.9	4.2	4.1
Sable Antelope	4.4	3.5	3.9	1.0	5.4	4.7	3.3	3.0	5.3	3.8	4.5	4.8	4.5	3.8	7.1	5.0	3.6	4.3	4.3	7.1	5.5	5.1	5.6	5.0	4.5
Serval	1.0		1.0		1.0	1.0		1.0				1.0	1.0		1.0	1.0	1.0				1.0	1.0	1.0		1.0
Springhare	2.7	1.4	1.5	1.5	1.5	2.2	2.0	1.6	2.4	1.0	2.0	2.2	2.1	1.6	1.4	4.0	2.1	2.7	1.4	3.2	1.6	3.1	1.5	2.0	2.0
Squirrel, Bush	1.4	1.5	1.8	1.2	1.6	1.2	1.2	3.0	2.9	1.4	2.2	1.5	2.4	1.3	3.8	1.3	1.5	1.3	1.0	1.3	1.4	1.3	2.0		1.7
Steenbok	1.1	1.2	1.0	1.0	1.2	1.1	1.4	1.0	1.1	1.2	1.1	1.2	1.3	1.3	1.4	1.3	1.0	1.2	1.2	1.1	1.2	1.3	1.1	1.2	1.2
Tsessebe	5.1	5.7	4.0	2.0	10.8	10.3	1.0		10.0	6.0	1.0	7.3		11.0	7.0	1.0	3.0	11.6	3.0	1.1	2.0	5.4	5.0	1.6	5.2
Warthog	2.6	2.4	2.5	2.8	2.2	2.8	2.0	2.2	2.4	2.5	2.4	2.4	2.2	2.4	2.5	2.0	2.6	2.6	2.6	2.6	2.4	2.4	2.7	2.5	2.4
Waterbuck	4.2	3.2	4.1	5.4	4.1	6.2	4.9	4.5	4.1	3.6	5.3	6.6	5.6	7.0	4.8	4.0	3.2	5.3	4.2	2.7	3.9	4.1	5.8	4.3	4.6
Wild Dog	6.5	5.0	4.4		4.9	3.4	5.2	1.5	6.0	5.1	4.0		4.3	1.0		2.0	7.0	2.6	2.0	7.2	3.0	4.2	2.0	3.6	4.0
Wildebeest, Blue	15.1	13.6	16.6	17.6	10.7	21.4	11.3	12.4	10.1	12.6	12.5	30.5	18.9	28.4	24.9	18.7	18.6	25.4	27.6	25.3	16.3	11.5	20.7	24.0	18.5
Zebra, Burchell's	7.0	6.1	6.0	4.2	7.9	7.2	5.3	5.7	11.4	7.6	6.4	8.9	6.2	7.6	8.0	7.4	6.2	7.7	6.7	8.3	6.9	7.5	7.5	7.9	7.2

Species Name	1972	1973	1975	1982	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Aardvark																				
Aardwolf															5		1		3	4
Baboon, Chacma															3121	4130	2223	548	2845	2777
Bat, Yellow House																1				
Bat-eared Fox															18	1	8	4	8	1
Buffalo, Cape	1559	4660	2102	4719	5150	7269	2809	8078	7029	5541	8784	3011	8640	5947	6941	3611	1166	415	9428	6551
Bushbuck			3	32		7	2	11	4	25	8	4	10	4	56	47	27	2	5	11
Bushpig				2		4		13	7	2	7		2	3	25	25	2	2		
Caracal																				
Cat, African Wild																	2		1	1
Cheetah				5	1				3	2	5	7	6	1	4	7			3	2
Civet															11	10	10		6	10
Crocodile, Nile															56	44	63	41	53	65
Dormouse																				
Duiker, Common	4	5	2	55	8	20	4	119	60	60	76	24	119	27	116	96	5		22	60
Eland		213	631	278	77	261	1	141	403	162	314	76	315	70	166	372	37	7	55	285
Elephant, African	2885	7809	4614	14800	6148	4643	1564	7109	5344	6029	14018	8644	11668	8121	13396	17162	9565	1871	21021	18743
Gemsbok		7		4		1		3	5		1		11		5	5			2	
Genet, Small-spotted															2				2	
Giraffe	278	354	157	390	401	398	137	417	533	461	908	414	515	321	436	658	534	140	561	569
Grysbok, Sharpe's				3			1		1		2			2					1	1
Hare, Scrub															15	7	25	5	17	28
Hartebeest, Red															1					
Hippopotamus				18	28	25	6	22	24		45	15	46	16	47	35	60	37	57	29
Honey Badger															16	9	10	4	16	12
Hyaena, Brown				11		28		8		1	5	2	10		8				1	
Hyaena, Spotted	16	84	96	281	93	255	110	170	280	303	329	233	297	279	423	423	246	56	328	295
Hyrax, Rock															1			6	11	
Hyrax, Yellow Spotted															3	8		18		29
Impala	1257	3797	1633	6157	2812	8120	1560	8445	5953	7138	6762	2768	6439	3498	5204	4129	3205	771	3823	4883
Jackal, Black-backed	11	74	30	128	96	100	52	92	120	156	192	117	117	136	190	175	125	40	173	219
Jackal, Side-striped	2			6	8	18	2	10	4	7	15			12	39	13	21	11	25	17
Klipspringer		5								2	5				3	5	1		14	7
Kudu	280	875	381	2462	716	1780	331	1981	1859	1857	2583	814	2021	801	1851	1702	641	27	1333	1852
Leopard				12	5	4	7	13	9	19	25	9	27	16	20	15	4	1	16	27

Species Name	1972	1973	1975	1982	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Lion	51	67	52	57	35	99	13	107	71	82	170	63	136	102	164	192	63	13	97	97
Mongoose, Banded															309	129	167		122	111
Mongoose, Dwarf															4	1	10			
Mongoose, Large Grey																	1			
Mongoose, Selous															1					
Mongoose, Slender															14	3	16	5	24	32
Mongoose, White-tailed															5	2	18	4	3	6
Mongoose, Yellow																				1
Monkey, Vervet															354	401	259	28	198	416
Mouse, Namaqua Rock																			1	5
Night Ape															2					
Ostrich															7		46			
Otter, Clawless																2				
Pangolin																				
Polecat, Striped																2	1			
Porcupine															6	4			4	5
Reedbuck	6	50	8	127	136	194	41	85	35	36	96	88	69	34	49	77	46	2	28	71
Rhinoceros, Black		20	2	38	18	23	7	23	39	28	23		8		6	5	2	1	9	1
Rhinoceros, White	5	2	12	52	49	29	22	61	52	36	66	29	29		4	3	2		2	17
Roan Antelope	56	133	87	457	221	185	19	369	178	133	246	181	131	93	351	200	92		225	464
Sable Antelope	186	582	252	1105	459	630	33	771	558	612	911	611	1107	561	1014	706	197	3	577	692
Serval															2		1		1	3
Springhare															46	13	28	3	29	63
Squirrel, Bush															20	6	18	12	14	11
Steenbok	7	17	11	35	8	20	8	46	59	34	40	21	50	16	27	34	5	1	18	42
Tsessebe		7	1	32	14	12		50	17		38	3			36	86	12	2	86	41
Warthog	118	429	240	1380	1012	959	265	808	496	587	932	530	641	462	685	587	382	91	524	772
Waterbuck	63	169	317	382	207	383	241	212	225	160	143	166	365	171	168	137	90	81	86	204
Wild Dog				54	39		2	30	14	12	51	17	6	4	26	45	22		34	27
Wildebeest, Blue	151	1047	118	796	215	539	206	424	568	807	1247	1148	1251	733	1222	1100	1243	546	730	1582
Zebra, Burchell's	429	1529	870	3056	1806	1731	461	2431	1887	2195	2678	2005	2501	1320	2740	2868	1481	105	2976	2778
Total Per Year	7364	21935	11619	36934	19762	27737	7904	32049	25837	26487	40725	21000	36537	22750	39441	39293	22183	4903	45618	43919
No of Species Seen	19	23	22	31	26	28	26	29	30	28	32	26	28	26	54	48	47	35	50	48

Species Name	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Aardvark								1		2								1
Aardwolf					2	1	3	1	1	2			1			1		
Baboon, Chacma	1395	1767	2154	1541	1438	2520	1723	1970	2067	604	2556	2208	2808	2757	2665	3301	3204	2533
Bat, Yellow House		1																
Bat-eared Fox	5	3	6	4	9		5	2	5			1						
Buffalo, Cape	2032	3545	2004	4027	2795	5800	1853	3628	3198	661	2218	3433	4779	2976	3655	3033	4919	4369
Bushbuck	8	1	34	10	15	23	7	18	10	9	46	42	37	9	14	47	24	27
Bushpig		1		4			1	7		6	4	7						
Caracal	1		2											1				
Cat, African Wild		2						3			1	2	1			1	1	1
Cheetah		1		2	5	1	7				8	1	3	7	2	7	1	5
Civet	3	3	6	6	1	4	2	5	6	1	5	2	5	1	6	8	7	7
Crocodile, Nile	43	25	71	102									13		4	50		
Dormouse										1								
Duiker, Common	6	5	14	23	3	34	3	31	8	3	15	3	28	39	7	21	116	35
Eland	10	121	164	71	160	114	49	105	113		106	133	38	29	86	68	141	77
Elephant, African	9283	8353	17956	18910	7162	18918	7413	19266	11862	4322	13080	23569	14836	20373	22414	28241	21613	23681
Gemsbok				1								2	4			18		
Genet, Small-spotted	3		2				2			2			1				2	
Giraffe	342	411	248	271	267	229	229	246	249	225	150	153	174	202	273	184	160	170
Grysbok, Sharpe's		1	2			3			1		2	3	1	3		1		
Hare, Scrub	19	12	10	6	6	8	22	4	9	1		4	10	13	17	30	25	15
Hartebeest, Red						2	2	1	1									
Hippopotamus	63	28	71	42	28	67	50	55	73	36	78	90	106	118	144	116	154	85
Honey Badger	8	3	16	9	9	9	8	9	10	8	25	13	12	7	10	9	12	8
Hyaena, Brown						3	3	3	1			1		7	5	1	2	
Hyaena, Spotted	175	108	194	170	104	223	143	208	135	67	141	206	237	261	233	307	236	283
Hyrax, Rock				10					28	5	11	5	2	3		2	23	23
Hyrax, Yellow Spotted	28					2	1											
Impala	1639	1277	2927	3211	3067	3894	3184	3308	3071	1129	2953	3406	4449	3021	3362	3753	4129	3548
Jackal, Black-backed	98	85	96	121	88	172	127	150	118	87	76	110	140	156	175	135	160	120
Jackal, Side-striped	5	2	14	8	10	16	8	8	4	5	18	17	17	25	15	26	22	18
Klipspringer			3	1	2			3	2	2			2	3	2	8	3	
Kudu	487	314	1109	1358	553	1386	309	865	669	58	800	843	1598	1172	859	1411	1527	1110
Leopard	12	6	9	10	4	17	6	15	7	1	8	7	7	11	4	14	13	4

Species Name	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Lion	50	24	62	54	20	83	54	95	54	9	68	40	99	112	88	76	119	91
Mongoose, Banded	123	35	84	69	111	86	107	57	35	75	60	52	23	22	53	1	40	70
Mongoose, Dwarf	11	14	23		23	4			3	3	2	19	6	9	12	37	18	
Mongoose, Large Grey																		
Mongoose, Selous			3					1						1				
Mongoose, Slender	30	13	31	6	8	11	10	8	10	12	15	28	34	9	19	22	8	13
Mongoose, White-tailed	8		4	4	5	3	11	2	7	2	3	21	6	1	10	2	2	3
Mongoose, Yellow				1														
Monkey, Vervet	172	112	214	262	124	190	110	105	94	8	300	120	225	155	123	324	213	196
Mouse, Namaqua Rock																		
Night Ape																		
Ostrich															2			
Otter, Clawless				1												2		
Pangolin				1														
Polecat, Striped		1		1		2	2											1
Porcupine	2	2	8	1	2	3	3	4	4		1	1	5	2	7	3	2	1
Reedbuck	2	8	68	55	9	60	37	46	19	2	5	50	151	131	100	125	129	90
Rhinoceros, Black	4	2	8	7		6	12	5	1			1		2				
Rhinoceros, White	6	9	6	12	15	20	19	17	11	1		1	3					
Roan Antelope	95	63	257	217	61	483	74	168	150	15	104	141	152	222	266	257	210	187
Sable Antelope	163	127	474	370	156	529	139	273	254	40	126	194	267	290	249	339	376	373
Serval		1				1	2		1	1	1				1	1	1	
Springhare	56	21	34	5	18	13	38	8	18	40	54	38	10	42	31	67	18	54
Squirrel, Bush	6	9	16	14	9	6	8	4	9	4	6	13	2	16	31	12	2	
Steenbok	11	1	15	18	8	29	5	19	11	5	19	11	32	33	18	38	32	27
Tsessebe	2		10	12	2	44		22	42	1	6	104	15	8	2	27	5	8
Warthog	342	269	615	555	423	722	387	395	303	103	424	629	763	550	644	778	750	702
Waterbuck	112	54	130	89	126	360	190	181	124	56	133	238	171	112	140	162	99	121
Wild Dog	26	3	12	41	4		13	1		2	14	13	2	36	15	25	6	25
Wildebeest, Blue	418	397	353	541	350	1038	644	682	698	317	615	483	386	557	455	482	682	384
Zebra, Burchell's	841	779	1731	2269	992	3017	853	2456	1388	399	1221	1993	1507	1828	1628	2330	1894	1337
Total Per Year	18145	18019	31270	34523	18194	40156	17878	34461	24884	8332	25478	38451	33168	35332	37846	45903	41100	39803
No of Species Seen	43	45	45	48	41	45	46	46	45	43	41	46	46	44	42	47	43	39

Species Name	Total per Species	# of Years Sighted	% of Years Sighted	# of Years NOT Seen	% of Years NOT Seen	Species Name	Total per Species	# of Years Sighted	% of Years Sighted	# of Years NOT Seen	% of Years NOT Seen
Aardvark	4	3	7.9%	35	92.1%	Kudu	42575	38	100.0%		
Aardwolf	25	12	31.6%	26	68.4%	Leopard	384	35	92.1%	3	7.9%
Baboon, Chacma	54855	24	63.2%	14	36.8%	Lion	2929	38	100.0%		
Bat, Yellow House	2	2	5.3%	36	94.7%	Mongoose, Banded	1941	23	60.5%	15	39.5%
Bat-eared Fox	80	15	39.5%	23	60.5%	Mongoose, Dwarf	199	17	44.7%	21	55.3%
Buffalo, Cape	162335	38	100.0%			Mongoose, Large Grey	1	1	2.6%	37	97.4%
Bushbuck	639	35	92.1%	3	7.9%	Mongoose, Selous	6	4	10.5%	34	89.5%
Bushpig	124	19	50.0%	19	50.0%	Mongoose, Slender	381	24	63.2%	14	36.8%
Caracal	4	3	7.9%	35	92.1%	Mongoose, White-tailed	132	23	60.5%	15	39.5%
Cat, African Wild	16	11	28.9%	27	71.1%	Mongoose, Yellow	2	2	5.3%	36	94.7%
Cheetah	96	25	65.8%	13	34.2%	Monkey, Vervet	4703	24	63.2%	14	36.8%
Civet	125	23	60.5%	15	39.5%	Mouse, Namaqua Rock	6	2	5.3%	36	94.7%
Crocodile, Nile	630	13	34.2%	25	65.8%	Night Ape	2	1	2.6%	37	97.4%
Dormouse	1	1	2.6%	37	97.4%	Ostrich	55	3	7.9%	35	92.1%
Duiker, Common	1276	37	97.4%	1	2.6%	Otter, Clawless	5	3	7.9%	35	92.1%
Eland	5449	36	94.7%	2	5.3%	Pangolin	1	1	2.6%	37	97.4%
Elephant, African	476406	38	100.0%			Polecat, Striped	10	7	18.4%	31	81.6%
Gemsbok	69	14	36.8%	24	63.2%	Porcupine	70	21	55.3%	17	44.7%
Genet, Small-spotted	16	8	21.1%	30	78.9%	Reedbuck	2365	38	100.0%		
Giraffe	12765	38	100.0%			Rhinoceros, Black	301	27	71.1%	11	28.9%
Grysbok, Sharpe's	28	16	42.1%	22	57.9%	Rhinoceros, White	592	30	78.9%	8	21.1%
Hare, Scrub	308	23	60.5%	15	39.5%	Roan Antelope	6943	37	97.4%	1	2.6%
Hartebeest, Red	7	5	13.2%	33	86.8%	Sable Antelope	16306	38	100.0%		
Hippopotamus	1914	34	89.5%	4	10.5%	Serval	17	13	34.2%	25	65.8%
Honey Badger	252	24	63.2%	14	36.8%	Springhare	747	24	63.2%	14	36.8%
Hyaena, Brown	100	18	47.4%	20	52.6%	Squirrel, Bush	248	23	60.5%	15	39.5%
Hyaena, Spotted	8028	38	100.0%			Steenbok	831	38	100.0%		
Hyrax, Rock	130	13	34.2%	25	65.8%	Tsessebe	747	31	81.6%	7	18.4%
Hyrax, Yellow Spotted	89	7	18.4%	31	81.6%	Warthog	21254	38	100.0%		
Impala	143682	38	100.0%			Waterbuck	6568	38	100.0%		
Jackal, Black-backed	4557	38	100.0%			Wild Dog	621	31	81.6%	7	18.4%
Jackal, Side-striped	448	34	89.5%	4	10.5%	Wildebeest, Blue	25155	38	100.0%		
Klipspringer	73	19	50.0%	19	50.0%	Zebra, Burchell's	66310	38	100.0%		

ANNUAL Aerial Water Survey of Hwange National Park

Over the past 25 years the Matabeleland Branch of W.E.Z has been conducting aerial surveys over the Park normally a week or two prior to the animal Game Count.

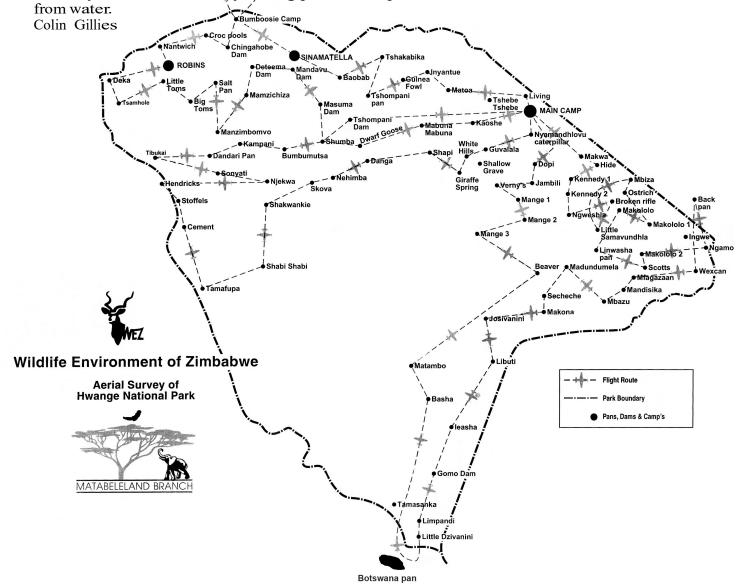
The main objective of this survey is to check available water and generally observe the overall status of the Park.

The route flown covers a distance of approximately 1500Kms of the Park, with a flying period of 10-12 hours over two days during which all known pumped pans and natural surface water areas Are checked.

It has been decided to add these conditions which in the past have never been included in the overall statistics of the Game Count, as it is now thought these details could contribute interesting data, and certainly influence other aspects of animal distribution and behavior.

Below is a detailed map of the flight plan which has been flown for the past 25years and while there may have been slight variations from this, these are insignificant.

It should be noted that the central area of the Park which has never been included in this aerial survey has no pumped pans, and all natural surface water has by the end of the harsh dry winter season dried up, for this reason is not included in the flight plan. Of interest, it should be noted that over 25 years of these surveys taking place no elephant has ever been recorded more than 10 kms



HWANGE NATIONAL PARK			
AERIAL SURVEY	22nd to 24th September,	2017	
	,		
Name of water point	State of water	Pumped Pan	Notes
AIRSTRIP - 302	Dry		
ANDYS PAN	Little Water		
BACK PANS	Water	Yes	5 Surrounding pans
BALLA BALLA	Water		
BAOBAB	Water	Yes-Solar	
BASHA	Water		
BEAVER	Water		
BEMBI	Mud		
BIG GOBO - NR BOUNDARY +045	Water		
BIG MAMBANE +048	Water	V	
BIG SHUMBA BIG TOMS	Water Water	Yes	
BOHMANI - Railway Line	Water		
BOHMANI 1 - CAMP	Water	Yes	
BOHMANI AIRSTRIP (290)	Water	res	9 Surrounding pans
BOSS LONG ONE	Little Water	Yes-Solar	9 Surrounding paris
BROKEN RIFLE	Water	Yes Yes	6 Surrounding pans
BULENGETI - +031	Water	1 169	Plus 3 pans
BUMBOOSI 1	Water		i ius o paris
BUMBOOSI 2	Water		
BUMBOOSI 3 (HIDE)	Water	1	
BUMBOOSI CAMP	Water	1	
BUMBOOSI RIVER	Water		
BUMBOOSI SOUTH	Dry	Solar Unit	
BUMBOOSI/DEKA JUNCTION	Water		
BUMBUMUTSA	Water	Yes-Solar	
CAMP HWANGE - 314	Water	Yes	Shumba area.
CATERPILLAR	Water	Yes-Solar	
CEMENT	Dry		
CHAKWANA PANS (289)	Water		S 19 02 14 E027 35 01
CHINGAHOBE DAM	Water		
CHIVISA	Water - 2 pans		2 pans closeby
CHRIS' PAN (SOMALISA)	Water - looked muddy	Yes/Solar	
CROC POOLS - HIDE - +049	Water		
DADADA	Water		
DANDARI	Dry	Yes- Solar	
DANGA	Water		
DANGA (NEW) - LODGE PAN	Water	Yes	
DEKA (141)	Water		Deka Camp Water
DEKA HOME VLEI	Water		Deka Camp +050
DEKA SPRING		1	
DEKA TRUCK CROSSING	10/ 1		0.0
DETE CESS POOLS	Water	\\/index:!!	2 Surrounding pans. +037 Cess Pools
DETE VALLEY 1 +027 DETE VALLEY 2	Water	Windmill	
DETE VALLEY 2 DETEEMA DAM	Water	Yes-Solar	
DETEEMA LODGE		1 es-30iai	
DETEEMA PICNIC SITE	Dry Water	+	+
DETEEMA PUMP	Water		+
DINA	Mud	+	+
DOKASURA DAM WALL	Water	+	
DOKASURA SPRING	Water		
DOLILO BOREHOLE	Water	1	
DOM	Water	Yes-Solar	Between Main Camp and Dom 10
DOPI	Water	Yes-Solar	Camp and Bom To
DWARF GOOSE	Water	1.00.00101	
DYNAMITE	Dry		Little bit of water btwn 2 buildings!
ELEPHANT EYE (JENMAN)	Water		3 x ESE of Elephant Eye
ELEPHANT SANDS	Water		
ELEPHANT SANDS +036	Water		
FARM 42	Dry	?	
GANDA LODGE	Little Water	Yes-Solar	Plus 2 pans NW and NE
1	•	•	•

GARAKAMWE	Water	Yes-Solar	1
GIRAFFE SPRINGS	Muddy	Tes-Solai	Cmall nan alaaahy
GOMO	Little Water		Small pan closeby
GRANNIES PAN - +306	Water	Yes	
		res	
GRASSY - +042	Dry	Vee	
GRASSY PAN (301) GUINEA FOWL	Water	Yes	
	Dry	Van Calar	
GURANGWENYA	Water	Yes-Solar	D. Olavara II
GUSU	Dry	 	Pan 2kms south
GUVALALA	Water	Yes-Solar	
GUVALALA EAST	Dry		
GUVALALA WEST	Mud		
HEATLEYS	Dry		
HENDRICKS	Dry		3 Surrounding small pan
HWA HWA DU	Dry		
INKONKONI	Dry	Yes	
INTUNDLA (029) - Over Railway line		Yes/Solar	Plus 1 pan
INYANGAYENDHLOVU +038	Water - 2 pans		2 pans to north
INYANTUE	Water	Yes-Solar	
INYANTUE VLEI/THOR'S PAN	Water	Yes-Solar	
IVORY LODGE	Water	Yes	
JAMBILI	Water	Yes-Solar	2 Pans
JOSIVANINI	Water	Yes	Plus 11 pans in area
KAKORI - 291	Dry		
KANONDO (GWANGO)	Water	Yes	
KAOSHE	Water		1 Natural pan closeby
KAOSHE	Water		
KAPANI	Dry		
KAPULA			
KAPULA (NEW) CAMP	Dry		
KASHAWE SPRING	Water		
KASHAWE VIEWING	Water		
KENNEDY 1	Water	Yes/Solar	
KENNEDY 2	Water	Yes/Solar	
KHATSHANA	Water	100,00141	
KHULU LODGE - 293	Water	Yes	
LEASHA	Water	1.00	Lots of surrounding water/pans
LEMEMBA	Mud		Lote of carroananing water/panie
LIBUTI	Dry		
LIMPANDI	Water		
LINKWASHA (AIRSTRIP 2)	Water	Yes	
LINKWASHA (MAKALOLO) CAMP	Water	Yes	
LITTLE DZIVANNINI	Water	100	
LITTLE GOBO - +046	Water		
LITTLE MAKALOLO	Water	Yes	
LITTLE MAMBANE +047	Water	103	
LITTLE MAMBARE 1047	Water	Yes	3 Surrounding pans
LITTLE GAMAYOND TEA	Water	103	o currounding paris
LIVINGI	Water	Yes-Solar	
LIVINGI	Water - 2 pans	Yes-Solar	
LONG ONE	Water	103-00141	
LUKOSI 1	Surface water	+	
LUKOSI 1	Water	+	
MABUYA MABENA	Water	Yes-Solar	3 Natural pans closeby
MADISON (AIRSTRIP 1)	Water	Yes-Solal Yes	o riaturar paris Goseby
MADUNDUMELA	Water	Pumped Pan	Half km East (Old Dry)
		Fullipeu Fall	I fall kill East (Old Dry)
MAHOBOTI MAHOMAHOMA SEEP 1	Dry		
	Water	+	
MAHOMAHOMA SEEP 2	Water	+	
MAHOMAHOMA SEEP 3	Water	+	1
MAIN CAMP CESS POOL	Dry		
MAJOR (NGAMO 2)	Water	Yes	5.0
MAKALOLO - BAKALABWA	Water	Yes	5 Surrounding pans
MAKONA	Water	Yes	10
MAKWA (MAIN PAN)	Water	Yes/Solar	Surrounding pans x 1
MANDAVU DAM	Water	I	

MANDISIKA	Water	Yes	T
MANGA 1	Water	Yes-Solar	
MANGA 2	Dry	.,	
MANGA 3	Water	Yes	
MANGISIHOLE	Dry		
MANZI CHISA 1	Water		
MANZI CHISA 2	Water		
MANZI CHISA 3	Little Water		
MANZI CHISA 4	Water		
MANZI CHISA 5	Water		
MANZI CHISA 6	Water		
MANZI MBOMVO	Water		
MARULA	Dry		
MASHAMBO	Water	Yes-Solar	
MASUMA DAM	Water	Yes-Solar	
MASUMA EAST PAN	Water	100 00101	
MASUMAMALISA PAN (297)	Water	Yes	
MATETSI/DEKA RIVER JUNCTION	Water	163	
MATOMBO	Mud		
MAUALASANGWE - 1 and 2	Dry		
MBAZU	Water	Yes	
MBEJANI	Dry	\	<u> </u>
MBIZA	Water	Yes	5 Surrounding pans
MFAGAZAAN	Water	Yes	
MIOMBO	Water	Yes	Water behind Miombo (Compund).
MKANDHLA - 292 (PETE VALLEY 2)		Windmill	
MOPANI	Dry		
MPISI	Water		
MPOFU	Dry		Pan by power line has water
MTAKA	Dry		•
MTOA PAN	Water		
MTOA WEIR (MIZIZI SPRING) +039	Water		
MTSWIRI	Little Water		Njekwa dry: Btwn Njekwa and Mtswiri
MUNONDO	Water		
NANTWICH	Water		
NANTWICH SEEP	Water		Number of small seeps
NEHIMBA SEEPS	Water	Seep	2 Seeps
NEUHARI	Dry	Осер	Z Geeps
NGAMO	Water	Yes	15 Surrounding pans
NGAMO - BANANA	Water	163	13 Surrounding paris
			Plus 1 pan
NGAMO - Railway Line	Water		Pius i pari
NGWENYA 1	Dry		
NGWENYA 2	Dry), (O.)	
NGWESHLA	Water	Yes/Solar	Plus 6 pans
NHORO	Dry		
NKAI	Dry		
NYAMANDHLOVU	Water	Yes-Solar	small pans.
NYOKA	Little Water		
OLD DETT CESS POOL	Water		
OSTRICH (DAVISONS CAMP)	Water	Yes	3 Surrounding pans
RAYS PAN (SOMALISA) - (028)	Water	Yes/Solar	
REEDBUCK VLEI	Water		Springs +051
REEDBUCK VLEI SEEP	Water		
ROAN	Dry		
ROBINS CAMP WATER TROUGH	Dry		
ROBINS WEIR	Water		
SABLE SANDS	Water		
SAFARI LODGE PAN	Water x 2	Yes	
SAFARI LODGE SEWAGE	Dry	1	
SALT PANS 1	Water		
SALT PANS 2	Water		
SALT PANS 3	Water		
SALT PANS 3	Water		
SALT PANS 4 SALT PANS BRIDGE	rvalei		
IOAL LEANS BRILLIE	I		
	Motor		1
SALT PANS DAM SAMAVUNDHLA CAMP	Water Water	Yes	

SAMAVUNDHLA PAN	Water	Yes	8 Surrounding pans
SCOTTS (MAKALOLO 2)	Water	Yes	4 Surrounding pans
SECHECHE	Water	Yes	Plus 2 pans.
SEDINA	Dry	103	i lus 2 paris.
SEDINA	Dry		Pan near Main Camp airstrip
SHABI SHABI 1	Dry	Seep	Fair flear Main Camp airsuip
SHABI SHABI 2			
	Dry	Seep	
SHAKWANKI 1	Water	Seep	
SHAKWANKI 2	Dry	Seep	
SHAKWANKI 3	Dry	Seep	
SHAKWANKI 4	Water	Seep	
SHALLOW GRAVE	Dry		
SHAPI	Water	Yes-Solar	
SHAPI WEST	Dry		
SHUMBA	Water	Yes-Solar	
SHUMBA	Water	Yes	
SHUMBA BANANA	Water		A few small pans with water in the
SHUMBA CAMP PAN	Water		
SIBAYA	Dry		
SIBAYA	Dry		
SIKUMI TREE LODGE	Water	Yes	
SINAMATELLA AIRSTRIP			
SINAMATELLA RIVER	Water		
SINANGA	Water	Yes/Solar	
SKOVA	Mud		
SLEIGH	Little Water	Natural Pan	
SOMALISA ACACIA	Water		Somalisa Expedition has water
SOMALISA CAMP (296)	Water	Yes	i i
SONYATI	Muddy		
SONYATI OLD AIRSTRIP - 312	Dry		
STOFFELS	Dry		2 Surrounding pans in Botswana
STOFFIES	Water	Yes	2 carroarianing pario in Botowaria
TAFA	Dry	100	small pan.
TAMAFUPA	Dry		ornan pari.
TAMASANKWA	Water		
TAMBOYENTUNDHLA	Dry		
THE HIDE	Water	Yes	Antoinette has water and ano small pan
TIBUKAI	Dry	165	Antomette has water and and small par
TINDER GRASS	Dry		
TOGO			
TRIGA VLEI	Dry Good Water		Atan mainta
			4 water points
TSAMHOLE	Water		
TSHABEMA	Water		
TSHAKABIKA RIVER	Surface water		
TSHAKABIKA SEEPS 1	Water (flowing)		
TSHAKABIKA SEEPS 2	Water	., .	
TSHEBE TSHEBE	Water	Yes-Solar	l a contract
TSHOMPANI DAM	Water	Windmill/Solar	Area burnt
TSHOMPANI PAN	Water	Yes-Solar	Pan closeby with water
TSHOWE 1 SEEP	Water		
TSHOWE 2 SEEP	Water		
TSHOWE 3 SEEP	Water		
TSHOWE BRIDGE	Water		
TSHOWE LOOP	Water		
TSHOWE RIVER	Water		
TSOKOROKO	Mud		1 Surrounding pans
TUM TUM	Dry		
TWIN PEAKS	Water		5 pans
UMKAWAZAAN - +033	Water	Yes	
UMTSHIBI	Water	Yes/Solar	Possibly 2 pans. Water nr. rlwy line.
VERNEYS	Water	Pumped-Solar	
WEXCAU	Water	Yes	
WHITE HILLS	Water	Yes-Solar	1 Surrounding pan

Wildlife & Environment Zimbabwe - Matabeleland Branch --- Animal Count for Hwange National Park, Safari Lodge and Forestry Areas ---

Combined Total For All Areas - 24 Hour Period Number Of Different Species Seen: Date: 04-Oct-17 **SPECIES** FEMALE **UNCLASSIFIED JUVENILE TOTAL** MALE AARDVARK BABOON, CHACMA BUFFALO, CAPE BUSHBUCK CAT. AFRICAN WILD CHEETAH CIVET DUIKER, COMMON **ELAND** ELEPHANT, AFRICAN GIRAFFE HARE, SCRUB **HIPPOPOTAMUS** HONEY BADGER HYAENA, SPOTTED HYRAX, ROCK **IMPALA** JACKAL, BLACK-BACKED JACKAL, SIDE-STRIPED KUDU **LEOPARD** LION MONGOOSE, BANDED MONGOOSE, SLENDER MONGOOSE, WHITE-TAILED MONKEY, VERVET POLECAT, STRIPED **PORCUPINE** REEDBUCK **ROAN ANTELOPE** SABLE ANTELOPE SPRINGHARE STEENBOK **TSESSEBE** WARTHOG WATERBUCK WILD DOG WILDEBEESTE, BLUE ZEBRA, BURCHELL'S Total

We would like to thank The Department of National Parks and Wildlife Management, our members, supporting concessions, and all other parties concerned for their contribution in assisting us to compile this report.

Wildlife & Environment Zimbabwe - Matabeleland Branch --- Animal Count for Safari Lodge and Forestry Areas ---

Total Species Seen: 27 DATE: 04-Oct-17

SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL
AARDVARK	0	0	1	0	1
BABOON, CHACMA	74	71	324	61	530
BUFFALO, CAPE	15	50		50	532
BUSHBUCK	5	12		2	21
CAT, AFRICAN WILD	0	0	1	0	1
DUIKER, COMMON	5	3	19	0	27
ELEPHANT, AFRICAN	70	152	329	130	681
GIRAFFE	3	4	0	0	7
HARE, SCRUB	0	0	2	0	2
HONEY BADGER	0	0	1	0	1
HYAENA, SPOTTED	0	0	5	0	5
IMPALA	95	288	89	20	492
JACKAL, BLACK-BACKED	1	1	2	0	4
JACKAL, SIDE-STRIPED	1	1	1	0	3
KUDU	19	72	13	9	113
LEOPARD	0	0	2	0	2
LION	0	0	1	0	1
MONGOOSE, WHITE-TAILED	0	0	1	0	1
MONKEY, VERVET	0	0	2	0	2
POLECAT, STRIPED	0	0	1	0	1
SABLE ANTELOPE	4	23	18	3	48
SPRINGHARE	0	0	4	0	4
TSESSEBE	0	0	1	0	1
WARTHOG	23	35		17	96
WATERBUCK	10	17	0	0	27
WILDEBEESTE, BLUE	4	0	120		124
ZEBRA, BURCHELL'S	[1]	5	29	9	44
Total :	330	734	1406	301	2771

200 101 1100 201 2111

COMMENT:

Wildlife & Environment Zimbabwe - Matabeleland Branch --- Animal Count for Safari Lodge & Forestry Areas ---

Area: FOREST Team Leader: F. DU BOIS Date: 04-Oct-17

Water Point : ELEPHANTS EYE Total Number of Species Seen : 13

	1				
SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL
AARDVARK	0	0	1	0	1
BABOON, CHACMA	7	6	1	5	19
BUFFALO, CAPE	6	0	0	0	6
DUIKER, COMMON	2	0	1	0	3
GIRAFFE	1	1	0	0	2
HYAENA, SPOTTED	0	0	4	0	4
IMPALA	2	0	0	0	2
LEOPARD	0	0	1	0	1
LION	0	0	1	0	1
MONKEY, VERVET	0	0	2	0	2
SPRINGHARE	0	0	1	0	1
WARTHOG	6	3	15	_	24
WATERBUCK	2	0	0	0	2
Total	26	10	27	5	68

Comment: PUMPED PAN 60MTX40MT - WATER MUDDY AND 3/4 FULL. SURROUNDS - OPEN GRASSLAND.

HOT - NO CLOUDS. OCCASIONAL LIGHT WIND. FEW ANIMALS DRANK: 1/AARDVARK (0330) -

DRANK 1/LEOPARD 0730 DRANK:

Wildlife & Environment Zimbabwe - Matabeleland Branch --- Animal Count for Safari Lodge & Forestry Areas ---

Area: FOREST Team Leader: D.W. ADAMS Date: 04-Oct-17

Water Point : GANDA PAN Total Number of Species Seen : 11

SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL
BABOON, CHACMA	10	15	10	15	50
BUFFALO, CAPE	3	50	92	50	195
DUIKER, COMMON	0	1	0	0	1
ELEPHANT, AFRICAN	17	9	0	6	32
HYAENA, SPOTTED	0	0	1	0	1
IMPALA	15	37	0	4	56
JACKAL, BLACK-BACKED	0	0	2	0	2
KUDU	0	6	0	0	6
WARTHOG	9	7	0	5	21
WATERBUCK	2	8	0	0	10
ZEBRA, BURCHELL'S	1	2	0	2	5
Total	57	135	105	82	379

Comment: PUMPED PAN 200MTX30MT - 80% FULL - GOOD WATER - CLEAR, LOTS OF WATER LILLIES. SPARSE VEGETATION - TREELINE +-600MTS. HOT, HAZY ALEVIATED BY CONTINUAL BREEZE AND AT TIMES VERY GUSTY. MOST ANIMALS DRANK.

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Area: FOREST Team Leader: LIGHTFOOT Date: 04-Oct-17 Water Point: IVORY LODGE Total Number of Species Seen: 9 SPECIES MALE FEMALE UNCLASSIFIED JUVENILE TOTAL BABOON, CHACMA 4 4 40 4 52

Wildlife & Environment Zimbabwe - Matabeleland Branch

SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL
BABOON, CHACMA	4	4	40	4	52
BUSHBUCK	2	8	1	1	12
DUIKER, COMMON	0	0	17	0	17
HARE, SCRUB	0	0	2	0	2
IMPALA	4	17	0	0	21
JACKAL, SIDE-STRIPED	1	1	0	0	2
KUDU	4	7	0	0	11
LEOPARD	0	0	1	0	1
MONGOOSE, WHITE-TAILED	0	0	1	0	1
Total	15	37	62	5	119

Comment: PUMPED PAN - GOOD WATER. MOST ANIMALS DRANK.

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Wildlife & Environment Zimbabwe - Matabeleland Branch --- Animal Count for Safari Lodge & Forestry Areas ---

Area: FOREST Team Leader: GEDDES GORDON Date: 04-Oct-17

Water Point : KHULU LODGE Total Number of Species Seen : 11

SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL
BABOON, CHACMA	0	0	163	0	163
BUFFALO, CAPE	0	0	150	0	150
BUSHBUCK	1	2	1	0	4
CAT, AFRICAN WILD	0	0	1	0	1
DUIKER, COMMON	3	2	1	0	6
ELEPHANT, AFRICAN	8	0	0	0	8
IMPALA	22	9	0	0	31
JACKAL, BLACK-BACKED	1	1	0	0	2
JACKAL, SIDE-STRIPED	0	0	1	0	1
KUDU	4	37	0	4	45
WARTHOG	2	14	6	8	30
Total	41	65	323	12	441

Comment: PUMPED PAN - WATER LEVEL GOOD. MOST ANIMALS DRANK.

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Wildlife & Environment Zimbabwe - Matabeleland Branch --- Animal Count for Safari Lodge & Forestry Areas ---

Water Point : SABLE SANDS Total Number of Species Seen : 11

SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL
BABOON, CHACMA	22	21	19	21	83
ELEPHANT, AFRICAN	7	37	36	18	98
HONEY BADGER	0	0	1	0	1
IMPALA	7	30	0	0	37
KUDU	1	4	0	0	5
POLECAT, STRIPED	0	0	1	0	1
SABLE ANTELOPE	3	23	18	3	47
SPRINGHARE	0	0	3	0	3
TSESSEBE	0	0	1	0	1
WARTHOG	2	6	0	0	8
ZEBRA, BURCHELL'S	0	3	3	3	9
Total	42	124	82	45	293

Comment: PUMPED PAN - 50MT X 10MT - LEVEL MEDIUM. SURROUNDS - SANDY AROUND PAN WITH TREELINE ABT. 50M TO THE NORTH AND SOUTH ALONG DETE VLEI. HOT, WINDY AND HAZY. 1

STRIPED POLECAT: MOST ANIMALS DRANK.

Wildlife & Environment Zimbabwe - Matabeleland Branch
Animal Count for Safari Lodge & Forestry Areas

Area: FOREST Team Leader: PETER WOOD Date: 04-Oct-17

Water Point : SAFARI LODGE Total Number of Species Seen : 6

SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL
BABOON, CHACMA	22	25	52	16	115
ELEPHANT, AFRICAN	37	92	95	70	294
GIRAFFE	1	2	0	0	3
IMPALA	43	145	50	16	254
KUDU	10	14	13	2	39
ZEBRA, BURCHELL'S	0	0	19	4	23
Total	113	278	229	108	728

Comment: PUMPED PAN 150MT X 40MT - WATER PLENTIFUL AND CLEAN. SURROUNDS - OPEN AREA - MIMOSA TREES SOUTH OF PAN. HOT AND CLEAR. NOT ALL ANIMALS DRANK.

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Wildlife & Environment Zimbabwe - Matabeleland Branch --- Animal Count for Safari Lodge & Forestry Areas ---

Area: FOREST Team Leader: ANN WOLHUTER Date: 04-Oct-17

Water Point : THE HIDE Total Number of Species Seen : 12

SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL
BABOON, CHACMA	9	0	39	0	48
BUFFALO, CAPE	6	0	175	0	181
BUSHBUCK	2	2	0	1	5
ELEPHANT, AFRICAN	1	14	198	36	249
GIRAFFE	1	1	0	0	2
IMPALA	2	50	39	0	91
KUDU	0	4	0	3	7
SABLE ANTELOPE	1	0	0	0	1
WARTHOG	4	5	0	4	13
WATERBUCK	6	9	0	0	15
WILDEBEESTE, BLUE	4	0	120	0	124
ZEBRA, BURCHELL'S	0	0	7	0	7
Total	36	85	578	44	743

Comment: PUMPED PAN. ALL ANIMALS DRANK.

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Combined Total For Hwange National Park - 24 Hour Period DATE: 04-Oct-17 Total Species Seen: **UNCLASSIFIED JUVENILE SPECIES MALE FEMALE TOTAL** BABOON, CHACMA BUFFALO, CAPE **BUSHBUCK** CHEETAH CIVET DUIKER, COMMON ELAND ELEPHANT, AFRICAN **GIRAFFE** HARE, SCRUB **HIPPOPOTAMUS** HONEY BADGER HYAENA, SPOTTED HYRAX. ROCK **IMPALA** JACKAL, BLACK-BACKED JACKAL, SIDE-STRIPED KUDU **LEOPARD** LION MONGOOSE, BANDED MONGOOSE, SLENDER MONGOOSE, WHITE-TAILED MONKEY, VERVET **PORCUPINE REEDBUCK ROAN ANTELOPE** SABLE ANTELOPE **SPRINGHARE STEENBOK TSESSEBE** WARTHOG WATERBUCK WILD DOG WILDEBEESTE, BLUE ZEBRA, BURCHELL'S

We would like to thank The Department of National Parks and Wildlife Management, our members and all other parties concerned for their contribution in assisting us to compile this report.

Total

Number Of Species Seen :33]			Count Date	: 04-Oct-17
SPECIES	MALE	FEMALE	UNCLASS	JUVENILE	TOTAL
BABOON, CHACMA	104	120	759	257	1240
BUFFALO, CAPE	46	0	976	60	1082
BUSHBUCK	0	1	1	0	2
СНЕЕТАН	0	1	0	1	2
CIVET	0	0	3	0	3
DUIKER, COMMON	0	2	3	0	5
ELAND	19	43	0	15	77
ELEPHANT, AFRICAN	1682	4884	6834	3169	16569
GIRAFFE	21	40	38	13	112
HARE, SCRUB	1	0	4	0	5
HIPPOPOTAMUS	4	0	12	1	17
HONEY BADGER	0	0	4	0	4
HYAENA, SPOTTED	4	2	171	2	179
IMPALA	121	196	45	4	366
JACKAL, BLACK-BACKED	10	11	59	3	83
JACKAL, SIDE-STRIPED	0	0	13	0	13
KUDU	103	288	9	41	441
LEOPARD	0	0	1	0	1
LION	13	31	1	10	l II
MONGOOSE, SLENDER	0	0	4	0	4
MONGOOSE, WHITE-TAILED	0	0	_	0	2
MONKEY, VERVET	9	13		30	192
PORCUPINE	0	0		0	1
REEDBUCK	2	3		0	13
ROAN ANTELOPE	29	45		16	
SABLE ANTELOPE	87	119		55	
SPRINGHARE	0	0	36	0	36
STEENBOK	5	4	6	1	16
WARTHOG	41	51	70	28	190
WATERBUCK	12	23	0	8	43
WILD DOG	2	7	16	4	29
WILDEBEESTE, BLUE	6	43		13	
ZEBRA, BURCHELL'S	52	235	576	64	927
Totals:	2373	6162	10035	3795	22365

Area: MAIN CAMP Team Leader: NIEL MARTIN Date: 04-Oct-17

Water Point: AIRSTRIP 2 Number Of Different Species Seen: 5

SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL
ELEPHANT, AFRICAN	24	102	10	51	187
HYAENA, SPOTTED	0	0	8	0	8
ROAN ANTELOPE	1	0	0	0	1
SABLE ANTELOPE	1	0	0	0	1
ZEBRA, BURCHELL'S	2	3	0	1	6
Total	28	105	5 18	52	203

Comment: PUMPED PAN - WATER LEVEL HIGH AND MUDDY. HOT AND DRY. DRY AND GRASSY VLEI AREA. ALL ANIMALS DRANK.

Area: MAIN CAMP

Team Leader: PAUL FONSTEN

Date: 04-Oct-17

Water Point: BACK PAN

Number Of Different Species Seen: 11

SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL
ELEPHANT, AFRICAN	44	234	64	111	453
GIRAFFE	0	0	3	0	3
HIPPOPOTAMUS	3	0	1	0	4
HONEY BADGER		0	3	0	3
IMPALA	2	4	0	0	6
JACKAL, BLACK-BACKED	0	0	2	0	2
LION	1	0	0	0	1
MONKEY, VERVET	0	0	1	0	1
SABLE ANTELOPE	5	0	0	0	5
WARTHOG	2	7	4	3	16
ZEBRA, BURCHELL'S	1	9	0	1	11
Total	58	254	. 78	3 115	505

Comment : PUMPED PAN 150MTX40MT - MODERATELY FULL. OPEN GRASSLAND WITH ILALA PALMS: VERY MINOR WATER VEGETATION: SHORT GREEN GRASS NEAR EDGE OF PAN. WINDY/BLUSTERY, HOT DURING DAY, STILL AT NIGHT. 2 RESIDENT HIPPO. 1/M LION

Area: MAIN CAMP

Team Leader: OLIVER D ANDERSON

Date: 04-Oct-17

Water Point: BOSS LONG ONE PAN

Number Of Different Species Seen: 7

SPECIES

MALE FEMALE UNCLASSIFIED JUVENILE TOTAL

SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL
ELEPHANT, AFRICAN	1	0	50	1	52
GIRAFFE	1	0	0	0	1
HYAENA, SPOTTED	0	0	6	0	6
KUDU	6	2	0	0	8
SABLE ANTELOPE	1	0	0	0	1
WARTHOG	0	1	0	2	3
ZEBRA, BURCHELL'S	0	0	6	0	6
Total	9	3	62	2 3	77

Comment: SOLAR PUMPED PAN. NOT ALL ANIMALS DRANK.

Area: MAIN CAMP Team Leader: ROBERT LOWE Date: 04-Oct-17

Water Point: BROKEN RIFLE Number Of Different Species Seen: 9

SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL
ELEPHANT, AFRICAN	43	346	27	122	538
HYAENA, SPOTTED	0	0	6	0	6
MONKEY, VERVET	5	1	6	0	12
ROAN ANTELOPE	4	4	1	0	9
SABLE ANTELOPE	5	19	0	7	31
SPRINGHARE	0	0	6	0	6
STEENBOK	0	0	2	0	2
WARTHOG	1	2	0	1	4
ZEBRA, BURCHELL'S	3	9	0	0	12
Total	61	381	48	3 130	620

Comment: PUMPED PAN - MEDIUM TO LARGE - WATER GOOD AND CLEAR. OPEN AREA AROUND PAN - GOOD VEGETATION. HOT AND WINDY. BAD MOPANE FLIES AND ANTS. OVERCAST FROM 2130 - 2235 (BAD LIGHT). MOST ANIMAL DRANK.

Area: MAIN CAMP Team Leader: GORDON MACDONALD Date: 04-Oct-17

Water Point: CATERPILLAR Number Of Different Species Seen: 12

SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL
BABOON, CHACMA	7	0	53	30	90
ELEPHANT, AFRICAN	25	33	184	41	283
HYAENA, SPOTTED	0	0	1	0	1
JACKAL, BLACK-BACKED	0	2	0	0	2
KUDU	1	15	0	0	16
MONKEY, VERVET	1	0	16	1	18
PORCUPINE	0	0	1	0	1
ROAN ANTELOPE	2	14	0	8	24
SABLE ANTELOPE	2	0	0	0	2
STEENBOK	1	1	0	0	2
WARTHOG	1	5	0	0	6
ZEBRA, BURCHELL'S	1	2	0	0	3
Total	41	72	255	80	448

Comment : 2 SOLARS-2 ADJOINING PANS 150MTX20MT AND 30MTX15MT -WATER GOOD THROUGHOUT COUNT. OPEN GRASSLAND WITH LARGE TREES AND TERMITARIA, SURROUNDED BY TEAK-MEHIBI WOODLAND AND FOREST. HOT, CLEAR & PARTLY

Area: MAIN CAMP Team Leader: SIMON PITT Date: 04-Oct-17

Water Point: CHRIS' PAN Number Of Different Species Seen: 5

SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL
ELEPHANT, AFRICAN GIRAFFE HYAENA, SPOTTED IMPALA ZEBRA, BURCHELL'S	23 0 0 2 0	0 0	144 1 1 0 9	85 0 0 0 1	393 1 1 2 10
Total	25	141	155	5 86	407

Comment: SMALL SOLAR PUMPED PAN (AND GENARATOR) - 15MT IN DIAMETER: LEVEL SHALLOW. SOME GRASS COVER: MEDIUM DENISTY OF ACACIA AND OTHER TREES AND GRASS IN SURROUNDING AREA.VERY HOT WITH BREEZES. MOST ANIMALS DRANK.

Area: MAIN CAMP

Team Leader: JULIE DRAZDIK

Date: 04-Oct-17

Water Point: DANGA

Number Of Different Species Seen: 8

SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL
BUFFALO, CAPE	14	0	0	0	14
ELEPHANT, AFRICAN	58	11	145	33	247
HYAENA, SPOTTED	o	0	3	0	3
IMPALA	10	11	0	0	21
KUDU	2	3	0	2	7
LION	o	2	0	0	2
SABLE ANTELOPE	1	0	0	0	1
WARTHOG	3	7	4	5	19
Total	88	34	152	2 40	314

Comment: SOLAR PUMPEDE PAN - WATER LEVEL LOW AND MUDDY. MOPANE - DAMAGED: HOT. ALL ANIMALS DRANK: SIGHTING OF 1/Y ELEPHANT NEWBORN.

Wildlife & Environment Zimbabwe - Matabeleland Branch --- Animal Count for Hwange National Park -- Area: MAIN CAMP Team Leader: LOVELATER SEBELE Date: 04-Oct-17 Number Of Different Species Seen: 4 SPECIES MALE FEMALE UNCLASSIFIED JUVENILE TOTAL ELEPHANT, AFRICAN 5 55 1 1 15 76

SPECIES	IVIALE	FEIVIALE	UNCLASSIFIED	JUVENILE	TOTAL
ELEPHANT, AFRICAN	5	55	1	15	76
HIPPOPOTAMUS	0	0	3	0	3
WARTHOG	3	1	0	2	6
WATERBUCK	5	6	0	6	17
Total	13	62	. 4	23	102

Comment: SOLAR PUMPED PAN: HOT WITH BREEZES. ALL ANIMALS DRANK.

Area: MAIN CAMP

Team Leader: STEPHEN CRABBE

Date: 04-Oct-17

Number Of Different Species Seen: 9

SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL
BABOON, CHACMA	3	0	14	5	22
ELEPHANT, AFRICAN	7	0	444	115	566
GIRAFFE	0	2	0	0	2
HYAENA, SPOTTED	0	0	5	0	5
JACKAL, BLACK-BACKED	0	0	5	0	5
KUDU	4	4	0	0	8
SPRINGHARE	0	0	3	0	3
WARTHOG	2	0	0	0	2
ZEBRA, BURCHELL'S	0	0	5	0	5
Total	16	6	476	120	618

Comment: SOLAR PUMPED PANS (2) - GOOD WATER. GRASSLANDS SURROUNDED BY TREE LINE. VERY WINDY WITH TEMPERATURE HIGH OF 41.2: HUGE AMOUNT OF ELEPHANT MOVEMENT CREATING THE PANS TO BE VERY DIRTY. MOST ANIMALS DRANK.

Area: MAIN CAMP

Team Leader: SHELLY CRABBE

Date: 04-Oct-17

Number Of Different Species Seen: 6

SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL
ELEPHANT, AFRICAN	1	0	103	24	128
GIRAFFE	1	1	0	1	3
HYAENA, SPOTTED	o	0	2	0	2
KUDU	2	10	0	4	16
WILDEBEESTE, BLUE	o	0	22	0	22
ZEBRA, BURCHELL'S	0	0	33	0	33
Total	4	11	160	29	204

Comment:

Area: MAIN CAMP Team Leader: SULEIMAN MAKORE Date: 04-Oct-17

Water Point: GARAKAMWE Number Of Different Species Seen: 6

SPECIES MALE FEMALE UNCLASSIFIED JUVENILE TOTAL

SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL
CHEETAH	0	1	0	1	2
ELEPHANT, AFRICAN	2	0	0	0	2
GIRAFFE	1	1	0	1	3
HIPPOPOTAMUS	0	0	1	0	1
HYAENA, SPOTTED	0	0	4	0	4
JACKAL, BLACK-BACKED	1	1	1	1	4
Total	4	3		3	16

Comment: SOLAR PUMPED PAN IN VLEI - 100MT X 45MT - SHALLOW: COVERED BY GRASS AND WATER PLANTS. SURROUNDED BY A THICKET - WITH FEW LARGE TREES. VERY HOT AND DRY, PARTLY CLOUDY AND WINDY. FEW ANIMALS - NOT ALL DRANK.

Area: MAIN CAMP

Team Leader: FRANCES RANDELL

Date: 04-Oct-17

Number Of Different Species Seen: 8

SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL
BUFFALO, CAPE	7	0	1	0	8
ELEPHANT, AFRICAN	153	40	346	88	627
HYAENA, SPOTTED	1	0	15	2	18
IMPALA	1	0	0	0	1
KUDU	1	0	0	0	1
LION	0	1	0	0	1
MONGOOSE, SLENDER	0	0	1	0	1
WARTHOG	1	0	0	0	1
Total	164	41	363	90	658

Comment: LARGE PAN-MEDIUM LEVEL-WATER CLEAR & MUDDY IN PLACES. BOREHOLE NEEDS REPAIR. SURROUND MOPANE SCRUB/SAND. HOT, FINE SLIGHTLY WINDY & HAZY. COOL EARLY MORNING. MOST ANIMALS DRANK.

Area: MAIN CAMP Team Leader: LARAINE KING Date: 04-Oct-17

Water Point: GUVALALA Number Of Different Species Seen: 10

SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL
ELEPHANT, AFRICAN	13	22	8	8	51
GIRAFFE	2	0	0	0	2
HYAENA, SPOTTED	o	0	15	0	15
IMPALA	5	0	0	0	5
JACKAL, BLACK-BACKED	o	0	2	0	2
JACKAL, SIDE-STRIPED	0	0	1	0	1
KUDU	0	2	0	2	4
MONKEY, VERVET	2	4	4	4	14
STEENBOK	0	1	0	1	2
WILD DOG	0	0	5	0	5
Total	22	29	35	15	101

Comment: SOLAR PUMPED PAN (2 SOLARS) 100MT IN DIAMETER: WATER LEVEL EXCELLENT. HOT WITH WIND. VAST OPEN GRASSLAND, SEMI-ARID AREA AROUND PAN, GRADING INTO WOODLAND: GOOD SIGHTING OF PAINTED DOG (2 COLLARED). MOST ANIMALS DRANK.

Area: MAIN CAMP Team Leader: W. ERASMUS Date: 04-Oct-17

Water Point: JAMBILE Number Of Different Species Seen: 12

SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL
BABOON, CHACMA	4	5	71	43	123
DUIKER, COMMON	0	1	0	0	1
ELEPHANT, AFRICAN	1	77	340	92	510
GIRAFFE	2	5	0	1	8
HYAENA, SPOTTED	o	0	3	0	3
JACKAL, BLACK-BACKED	0	0	1	0	1
KUDU	3	0	0	0	3
LEOPARD	0	0	1	0	1
ROAN ANTELOPE	0	1	0	0	1
SPRINGHARE	0	0	4	0	4
WARTHOG	1	2	5	0	8
ZEBRA, BURCHELL'S	2	24	8	1	35
Total	13	115	433	137	698

Comment: SOLAR PUMPED PAN 500MT. OVERGRAZED DENUDED AREA AROUND PAN. HOT AND CLEAR WEATHER. MOST ANIMALS DRANK: GOOD SIGHTING OF A LEOPARD.

Wildlife & Environment Zimbabwe - Matabeleland Branch --- Animal Count for Hwange National Park ---Team Leader: RICHARD FORSTER 04-Oct-17 Area: MAIN CAMP Date: 3 Number Of Different Species Seen: Water Point : JOSIVANINI FEMALE UNCLASSIFIED **SPECIES** MALE JUVENILE **TOTAL** ELEPHANT, AFRICAN 63 87 171 98 419 HYAENA, SPOTTED 0 0 2 0 2 1 JACKAL, BLACK-BACKED 0 0 0 63 87 174 422 98 Total

Comment: PUMPED PAN: HOT WITH BREEZES. ALL ANIMALS DRANK.

Area: MAIN CAMP Team Leader: PETA DITCHBURN Date: 04-Oct-17

Water Point: KENNEDY 1 Number Of Different Species Seen: 16

SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL
BABOON, CHACMA	0	0	60	0	60
BUFFALO, CAPE	2	0	40	0	42
CIVET	0	0	2	0	2
DUIKER, COMMON	0	0	1	0	1
ELEPHANT, AFRICAN	40	23	251	31	345
GIRAFFE	0	0	3	0	3
HYAENA, SPOTTED	0	0	4	0	4
IMPALA	14	41	0	0	55
JACKAL, BLACK-BACKED	0	0	1	0	1
KUDU	4	13	0	2	19
LION	1	8	0	0	9
MONKEY, VERVET	0	2	6	0	8
SABLE ANTELOPE	1	0	0	0	1
SPRINGHARE	0	0	3	0	3
WILDEBEESTE, BLUE	0	0	113	0	113
ZEBRA, BURCHELL'S	3	13	29	0	45
Total	65	100	513	33	711

Comment: SOLAR PUMPED PAN - WATER LEVEL GOOD. GOOD SIGHTINGS OF WILDEBEESTE AND 9 LION. 1/F KUDU HAS NO WHITE STRIPES ON RIGHT SIDE. MOST ANIMALS DRANK.

Area: MAIN CAMP

Team Leader: BERTIE CREMER

Date: 04-Oct-17

Number Of Different Species Seen: 11

SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL
BABOON, CHACMA	2	4	45	2	53
ELEPHANT, AFRICAN	21	157	50	104	332
GIRAFFE	0	0	2	0	2
IMPALA	17	10	0	0	27
JACKAL, BLACK-BACKED	3	3	5	1	12
KUDU	5	18	6	5	34
MONKEY, VERVET	0	6	4	6	16
ROAN ANTELOPE	1	1	0	2	4
SABLE ANTELOPE	1	0	0	0	1
WARTHOG	1	0	0	0	1
ZEBRA, BURCHELL'S	0	0	22	10	32
Total	51	199	134	130	514

Comment : SOLAR PUMPED PAN 50MT X 30MT - WATER LEVEL MEDIUM. SURROUNDS - DRY WITH PLENTIFUL GRASS IN OPEN VLEI. HOT AND SLIGHTLY WINDY. ALL ANIMALS DRANK: KUDU/10 VERY SKITTISH.

Area: MAIN CAMP Team Leader: GEORGE PYBUS Date: 04-Oct-17

Water Point: LITTLE MAKOLOLO Number Of Different Species Seen: 13

SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL
BABOON, CHACMA	13	9	72	7	101
DUIKER, COMMON	0	1	1	0	2
ELEPHANT, AFRICAN	30	67	150	47	294
HYAENA, SPOTTED	0	0	17	0	17
IMPALA	4	0	10	0	14
JACKAL, SIDE-STRIPED	0	0	3	0	3
KUDU	4	11	3	0	18
MONGOOSE, SLENDER	0	0	1	0	1
MONKEY, VERVET	1	0	42	0	43
SABLE ANTELOPE	3	0	0	0	3
SPRINGHARE	0	0	7	0	7
WARTHOG	2	3	2	0	7
ZEBRA, BURCHELL'S	3	22	12	2	39
Total	60	113	320	56	549

Comment: PAN HAS GOOD WATER & QUITE HIGH. SURROUNDS - PAN HAS NO VEGETATION, DUSTY & BARE TO THE TREELINE WITH GRASS & SHRUBS. HOT, STRONG WIND FROM THE NORTH: CLEAR SKIES AND SOME CLOUD. MOST ANIMALS DRANK.

Area: MAIN CAMP

Team Leader: JEAN GARRETT

Date: 04-Oct-17

Number Of Different Species Seen: 9

SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL
BABOON, CHACMA	0	0	26	6	32
BUSHBUCK	o	0	1	0	1
HYAENA, SPOTTED	0	0	1	0	1
IMPALA	1	6	0	0	7
JACKAL, SIDE-STRIPED	0	0	1	0	1
KUDU	1	22	0	5	28
MONKEY, VERVET	0	0	16	8	24
WARTHOG	1	5	2	0	8
WATERBUCK	1	2	0	0	3
Total	4	35	47	' 19	105

Comment: PUMPED PAN - GOOD LEVEL.

Area: MAIN CAMP	Team Lead	Team Leader : AMBROSE MAYERS Date :				
Water Point : MABUYA MABENA	Number Of Different Specie				n: 5	
SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL	
ELEPHANT, AFRICAN GIRAFFE KUDU SABLE ANTELOPE SPRINGHARE	0 1 3 0 0	0 0 8 0	11 3 0 1 2	0 1 3 0 0	11 5 14 1 2	
Total	4	8	3 17	4	33	

Comment: PAN LEVEL FAIR. MOST ANIMALS DRANK. NOTICED TORCH LIGHTS IN THE BUSH AT 05:15 ON 5th. RED FILTER LIGHT THEN ABOUT 20MIN LATER WHITE TORCH LIGHT: BUSH FIRE FROM 1200 4/10: STILL BURNING ON THE 5th - CROSSED THE ROAD AT BEMBEZI.

Area: MAIN CAMP

Team Leader: KEITH STEWART

Date: 04-Oct-17

Water Point: MADISON

Number Of Different Species Seen: 9

SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL
ELEPHANT, AFRICAN	7	173	48	79	307
HYAENA, SPOTTED	0	0	12	0	12
KUDU	3	0	0	0	3
MONKEY, VERVET	0	0	12	0	12
REEDBUCK	0	0	7	0	7
ROAN ANTELOPE	0	6	0	0	6
SABLE ANTELOPE	13	12	0	2	27
WARTHOG	0	1	0	1	2
ZEBRA, BURCHELL'S	0	0	62	6	68
Total	23	192	141	88	444

Comment: WATER LEVEL GOOD/CLEAN. OPEN GRASSLAND VLEI - TREELINE 500-600M APART. HOT, DRY WITH WARM BREEZE. MOON GENERALLY GOOD - MARBLED CLOUDS BETWEEN LATE EVENING CAUSED HAZY LIGHT. ALL ANIMALS DRANK.

Area: MAIN CAMP

Team Leader: EDWIN MUCHENJE

Date: 04-Oct-17

Water Point: MAJOR

Number Of Different Species Seen: 9

SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL
ELEPHANT, AFRICAN	21	34	10	11	76
GIRAFFE	0	8	0	0	8
HIPPOPOTAMUS	1	0	0	0	1
HYAENA, SPOTTED	o	0	1	0	1
IMPALA	7	8	0	0	15
SABLE ANTELOPE	7	0	0	0	7
WARTHOG	1	0	0	0	1
WILDEBEESTE, BLUE	0	4	0	0	4
ZEBRA, BURCHELL'S	3	13	0	0	16
Total	40	67	11	11	129

Comment: HOT AND DRY. MOST ANIMALS DRANK.

Area: MAIN CAMP

Team Leader: PAM BIRCH

Date: 04-Oct-17

Number Of Different Species Seen: 10

SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL
BABOON, CHACMA	0	14	35	14	63
BUFFALO, CAPE	1	0	0	0	1
BUSHBUCK		1	0	0	1
ELEPHANT, AFRICAN	6	8	37	8	59
GIRAFFE	1	0	4	0	5
IMPALA	1	1	0	0	2
KUDU	4	39	0	0	43
SABLE ANTELOPE	2	0	18	0	20
WARTHOG	2	1	3	0	6
ZEBRA, BURCHELL'S	5	0	0	0	5
Total	22	64	. 97	22	205

Comment: GOOD SIZE PAN-50MT IN DIAMETER - GOOD LEVEL-WITH 25% GRASS GROWTH IN PAN. OPEN PAN-SURROUNDED BY SHORT GRASS TO EDGE OF PAN AND LARGE TREES DOTTED. HOT WITH HAZE AT 1500: FEW CLOUDS: WIND GUSTS/WHIRLWINDS.

Area: MAIN CAMP Team Leader: GAUN ROSSLEE Date: 04-Oct-17

Water Point: MANDISEKA Number Of Different Species Seen: 6

SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL
BUFFALO, CAPE	1	0 52	0	0	1 121
ELEPHANT, AFRICAN JACKAL, BLACK-BACKED	0	0	5	40	5
LION SPRINGHARE	0	1	0	0	1
ZEBRA, BURCHELL'S	1	0	6	2	9
Total	10	53	34	42	139

Comment : SMALL PUMPED PAN - 1/3 FULL - WATER CLEAR. HOT AND DRY. ZEBRA SKITTISH (4). FEW ANIMALS DRANK.

Area: MAIN CAMP Team Leader: JEAN CRANSTON Date: 04-Oct-17

Water Point: MANGA 1 Number Of Different Species Seen: 4

SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL
ELEPHANT, AFRICAN	27	31	352	55	465
JACKAL, BLACK-BACKED	0	0	5	0	5
KUDU	2	4	0	0	6
LION	4	1	0	3	8
Total	33	36	357	7 58	484

Comment: PAN OF GOOD SIZE WITH FAIR AMOUNT OF WATER. VEGETATION - FAIR GROUND COVER. HOT, HAZY AND SCATTERED CLOUDS. GOOD SIGHTING OF LION (1/M COLLARED). MOST ANIMALS DRANK. BEFORE COUNT RECORDED 8 ROAN - 2/M, 5/F AND

Area: MAIN CAMP

Team Leader: MISHELLE FRIEDRICK

Date: 04-Oct-17

Number Of Different Species Seen: 6

SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL
ELEPHANT, AFRICAN	104	326	292	103	
HYAENA, SPOTTED JACKAL, BLACK-BACKED	2	0	2	0	10 4
ROAN ANTELOPE WARTHOG	2	0 6	2	0	4
ZEBRA, BURCHELL'S	2	13	~	3	36
Total	112	345	327	106	890

Comment: PUMPED PAN. MOST DRANK.

Area: MAIN CAMP Team Leader: MARIA SACCONIE Date: 04-Oct-17

Water Point: MASUMAMALISA Number Of Different Species Seen: 9

SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL
BABOON, CHACMA	21	14	7	8	50
ELEPHANT, AFRICAN	85	131	119	90	425
GIRAFFE	1	1	2	0	4
HYAENA, SPOTTED	0	2	5	0	7
IMPALA	17	27	0	0	44
JACKAL, BLACK-BACKED	0	0	1	0	1
KUDU	10	16	0	0	26
ROAN ANTELOPE	3	2	0	0	5
ZEBRA, BURCHELL'S	1	2	9	0	12
Total	138	195	143	98	574

Comment: 3 SMALL PANS - ONE VERY MUDDY: WATER LEVELS LOW. DRY GRASSLAND WITH A FEW LARGE TREES. HOT AND DRY WITH STRONG WIND GUSTS. NOT ALL ANIMALS DRANK. IMPALA, ROAN, KUDUAND ZEBRA SKITTISH.

Area: MAIN CAMP

Team Leader: DANIEL JONES

Date: 04-Oct-17

Number Of Different Species Seen: 10

SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL
ELAND	2	0	0	0	2
ELEPHANT, AFRICAN	16	32	82	25	155
HARE, SCRUB	1	0	1	0	2
JACKAL, BLACK-BACKED	0	0	3	0	3
KUDU	0	6	0	0	6
ROAN ANTELOPE	2	0	0	0	2
SABLE ANTELOPE	2	0	0	0	2
SPRINGHARE	0	0	1	0	1
STEENBOK	0	1	0	0	1
WARTHOG	1	0	1	0	2
Total	24	39	88	3 25	176

Comment: PUMPED PAN 40MT IN DIAMETER - LEVEL LOW. SURROUNDED BY SAVANNAH SCRUB. HOT, CLEAR WITH WIND DURING THE DAY. MOST ANIMALS DRANK.

Area: MAIN CAMP

Team Leader: DAVE JUDGE

Date: 04-Oct-17

Number Of Different Species Seen: 13

SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL
BABOON, CHACMA	0	0	84	28	112
BUFFALO, CAPE	0	0	470	0	470
ELEPHANT, AFRICAN	1	4	444	15	464
GIRAFFE	1	0	0	0	1
HYAENA, SPOTTED	o	0	9	0	9
JACKAL, BLACK-BACKED	0	1	3	1	5
JACKAL, SIDE-STRIPED	0	0	2	0	2
LION	0	6	0	0	6
REEDBUCK	1	1	1	0	3
SABLE ANTELOPE	1	0	3	0	4
WARTHOG	2	0	5	0	7
WILDEBEESTE, BLUE	0	0	22	4	26
ZEBRA, BURCHELL'S	5	0	31	3	39
Total	11	12	1074	51	1148

Comment : PUMP NOT WORKING BUT WATER LEVEL GOOD. LARGE OPEN GRASS VLEI SURROUNDED BY ILALA PALMS, GOOD GRAZING. HOT, WINDY DURING THE DAY. GOOD SIGHTING OF LION (1 COLLARED) BUFFALO & BB JACKAL NEW PUP. LIGHT SEEN AT

Area: MAIN CAMP

Team Leader: CECILIA ENGELBRECH

Date: 04-Oct-17

Number Of Different Species Seen: 10

SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL
BUFFALO, CAPE	0	0	1	0	1
ELAND	4	1	0	0	5
ELEPHANT, AFRICAN	4	1	38	17	60
JACKAL, BLACK-BACKED	0	0	4	0	4
KUDU	4	4	0	3	11
MONKEY, VERVET	0	0	10	3	13
ROAN ANTELOPE	1	0	0	0	1
SABLE ANTELOPE	7	10	0	6	23
WARTHOG	1	0	0	0	1
WILD DOG	0	0	6	1	7
Total	21	16	5 59	30	126

Comment: SOLAR PUMPED SMALL PAN WITH NO WATER ON ARRIVAL. HOT AND PARTLY CLOUDY. SABLE/22, KUDU AND WARTHOG NERVOUS. GOOD SIGHTING OF 7 WILDDOG. NOT ALL ANIMALS DRANK.

Area: MAIN CAMP Team Leader: ROBERT WHILEY Date: 04-Oct-17

SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL
BABOON, CHACMA	10	20	0	21	51
ELEPHANT, AFRICAN	4	0	0	0	4
MONGOOSE, SLENDER	0	0	1	0	1
REEDBUCK	1	2	0	0	3
ROAN ANTELOPE	0	3	0	0	3
SABLE ANTELOPE	1	0	0	0	1
WARTHOG	2	1	4	0	7
Total	18	26	5	21	70

Comment: PAN SMALL 30MTX20MT - MUDDY & SHALLOW. GRASSLAND. WIDELY SPACED LEADWOOD TREES, DRY BROWN GRASS GOOD COVERAGE WITH GREEN TINGES AT EDGE OF PAN. HOT, HAZY, BLUSTERY. FEW ANIMALS DRANK.

Area: MAIN CAMP Team Leader: JONNY KARASAVVAS Date: 04-Oct-17

Water Point: NEHIMBA PAN Number Of Different Species Seen: 7

SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL
BUFFALO, CAPE	7	0	164	0	171
ELEPHANT, AFRICAN	246	202	279	112	839
HARE, SCRUB	0	0	1	0	1
HONEY BADGER	0	0	1	0	1
HYAENA, SPOTTED	0	0	2	0	2
IMPALA	11	6	0	0	17
LION	0	1	1	0	2
Total	264	209	448	3 112	1033

Comment: SOLAR PUMPED PAN - HALF HECTARE: WATER EXCELLENT. SAVANNAH WITH STAMPED MOPANE: HOT AND FAIRLY WINDY AT TIMES. ALL ANIMALS DRANK.

Area: MAIN CAMP Team Leader: DELLA FOX Date: 04-Oct-17

Water Point: NGAMO PAN 1

Number Of Different Species Seen: 8

SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL
BUFFALO, CAPE	0	0	80	0	80
ELEPHANT, AFRICAN	15	68	53	15	151
GIRAFFE	1	1	3	0	5
HIPPOPOTAMUS	0	0	3	0	3
JACKAL, SIDE-STRIPED	0	0	1	0	1
LION	1	0	0	0	1
WARTHOG	0	0	3	0	3
WILDEBEESTE, BLUE	0	0	41	0	41
Total	17	69	184	15	285

Comment: PUMPED PAN - 100MT IN DIAMETER - CLEAN - 3/4 FULL. HOT WITH WIND. ALL ANIMALS DRANK. 5 GIRAFFE VERY NERVOUS: 1/M LION WITH COLLAR: 1 RESIDENT HIPPO.

Area: MAIN CAMP Team Leader: CINDY SELLICK Date: 04-Oct-17

Water Point: NGWESHLA Number Of Different Species Seen: 6

SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL
BABOON, CHACMA ELEPHANT, AFRICAN	10 15		14 368	17 124	58 691
IMPALA	4	9	_	0	13
JACKAL, BLACK-BACKED ROAN ANTELOPE	2 2	2	8 0	0	12
ZEBRA, BURCHELL'S	1	5	5	1	12
Total	34	217	395	142	788

Comment : GOOD CLEAN WATER, 60% FULL. SHORT GRASS WITH DISTANT TREELINE.MOST PLAINS

GAME FREQUENTING ALTERNATIVE PANS. HOT, SLIGHTLY GUSTY, FEW CLOUDS. 1 F ADULT ELEPHANT COLLARED. 3 F ELEPHANT TUSKLESS: MOST ANIMALS DRANK.

Area: MAIN CAMP Team Leader: DERYCK JONES Date: 04-Oct-17

Water Point: NYAMANDHLOVU Number Of Different Species Seen: 8

SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL
BABOON, CHACMA	2	0	30	11	43
ELEPHANT, AFRICAN	25	342	5	280	652
GIRAFFE	3	6	0	3	12
IMPALA	8	28	26	4	66
KUDU	0	10	0	3	13
WARTHOG	0	2	1	4	7
WATERBUCK	5	7	0	0	12
ZEBRA, BURCHELL'S	3	16	83	15	117
Total	46	411	145	320	922

Comment: SOLAR PUMPED PAN - LARGE BODY OF WATER, FULL AND CLEAN. FLAT GRASSLANDS SURROUNDED BY TREELINE IN DISTANCE. HAZY, VERY HOT, VERY WINDY. MOST ANIMALS DRANK.

Area: MAIN CAMP Team Leader: TIMMS MARTIN Date: 04-Oct-17

Water Point: OSTRICH Number Of Different Species Seen: 11

SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL
BABOON, CHACMA	2	4	16	3	25
CIVET	0	0	1	0	1
ELEPHANT, AFRICAN	15	116	3	63	197
HYAENA, SPOTTED	0	0	1	0	1
KUDU	2	9	0	3	14
LION	1	6	0	0	7
SABLE ANTELOPE	1	0	0	0	1
SPRINGHARE	0	0	7	0	7
STEENBOK	1	0	1	0	2
WARTHOG	0	0	12	0	12
ZEBRA, BURCHELL'S	8	25	0	2	35
Total	30	160	41	71	302

Comment: PUMPED PAN: HOT WITH BREEZES. MOST ANIMALS DRANK.

Area: MAIN CAMP Team Leader: SHELLEY COX Date: 04-Oct-17

Water Point: RAY'S PAN Number Of Different Species Seen: 6

SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL
BUFFALO, CAPE	3	0	0	0	3
ELEPHANT, AFRICAN	44	265	0	103	412
HYAENA, SPOTTED	0	0	4	0	4
JACKAL, BLACK-BACKED	1	1	0	0	2
KUDU	1	0	0	0	1
WARTHOG	0	1	1	0	2
Total	49	267	, 5	103	424

Comment: SOLAR (2) PUMPED PAN - 50MT IN DIAMETER - LEVEL LOW AND MUDDY. VEGETATION DRY, VERYCOPPACED MOPANE 200M AROUND PAN. HOT AND CLEAR - WINDY WITH NE GUSTS. KUDU SKITTISH: ANIMALS ENJOYED MUDBATH: MOST MANAGED A DRINK.

Area: MAIN CAMP Team Leader: NIGEL FAWCETT Date: 04-Oct-17

Water Point: SAMAVUNDHLA PAN Number Of Different Species Seen: 10

SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL
BABOON, CHACMA	8	5	47	24	84
ELEPHANT, AFRICAN	16	132	56	68	272
HIPPOPOTAMUS	o	0	1	1	2
HYAENA, SPOTTED	o	0	1	0	1
JACKAL, BLACK-BACKED	1	1	1	0	3
ROAN ANTELOPE	8	9	0	3	20
SABLE ANTELOPE	10	14	1	3	28
WARTHOG	2	2	0	2	6
WILDEBEESTE, BLUE	6	39	0	9	54
ZEBRA, BURCHELL'S	0	3	8	2	13
Total	51	205	115	112	483

Comment: PAN 80MT X 40MT (2nd NATURAL PAN 30MT X 25MT) WITH GOOD CLEAR WATER. GRASS & WEED PRESENT. OPEN GRASSLAND SURROUNDED BY DENSE TREES. HOT CLEAR SKIES, GUSTY WINDS FROM NE. MOST ANIMALS DRANK.

Area: MAIN CAMP

Team Leader: FIONA TAUTE

Date: 04-Oct-17

Water Point: SCOTTS PAN

Number Of Different Species Seen: 11

SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL
BABOON, CHACMA	9	12	13	20	54
ELAND	13	42	0	15	70
ELEPHANT, AFRICAN	39	130	345	168	682
HYAENA, SPOTTED	o	0	1	0	1
IMPALA	7	11	0	0	18
MONGOOSE, WHITE-TAILED	o	0	2	0	2
ROAN ANTELOPE	3	5	0	3	11
SABLE ANTELOPE	15	33	0	21	69
STEENBOK	o	0	1	0	1
WARTHOG	3	1	9	3	16
ZEBRA, BURCHELL'S	4	20	25	4	53
Total	93	254	396	234	977

Comment : PAN 250MT X 20MT - WATER CLEAR. VERY HOT. OPEN PAN, CONSISTS OF SMALL BUSHES, TREES & FEW PALM TREES. HOT, CLEAR WITH PARTIAL CLOUD GUSTY WIND. GOOD SIGHTING OF ELAND AND SABLE.

Area: MAIN CAMP Team Leader: ANNE EVANS Date: 04-Oct-17

Water Point: SECHECHE Number Of Different Species Seen: 9

SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL
BUFFALO, CAPE	3	0	0	0	3
ELEPHANT, AFRICAN	47	9	423	75	554
GIRAFFE	1	0	0	0	1
IMPALA	0	3	6	0	9
JACKAL, BLACK-BACKED	0	0	2	0	2
LION	4	0	0	0	4
ROAN ANTELOPE	0	0	6	0	6
WILD DOG	0	0	1	0	1
ZEBRA, BURCHELL'S	0	5	0	0	5
Total	55	17	438	3 75	585

Comment: PUMPED PAN. HOT. ALL ANIMALS DRANK.

Area: MAIN CAMP

Team Leader: GAIL AMYOT

Date: 04-Oct-17

Water Point: SHAPI

Number Of Different Species Seen: 11

SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL
ELEPHANT, AFRICAN	49	61	353	110	573
GIRAFFE	2	1	1	0	4
HARE, SCRUB	0	0	1	0	1
HYAENA, SPOTTED	0	0	4	0	4
IMPALA	3	0	0	0	3
KUDU	2	0	0	0	2
LION	0	1	0	0	1
MONGOOSE, SLENDER	0	0	1	0	1
MONKEY, VERVET	0	0	3	2	5
WARTHOG	2	4	0	3	9
ZEBRA, BURCHELL'S	2	5	1	2	10
Total	60	72	364	117	613

Comment: LARGE PAN, GOOD WATER, HIGH LEVEL AND KHAKI COLOURED. AREA AROUND PAN DIVASTATED(1-2KM) EXTREMELY HOT 43 & VERY HAZY AT START ONLY COOLING IN THE EVENING. 1/M ELEPHANT COLLARED. FIRE AT NIGHT. TROUGH RAN LOW EARLY HOURS

Area: MAIN CAMP Team Leader: LYNETTE ELKINGTON Date: 04-Oct-17

Water Point: SINANGA Number Of Different Species Seen: 9

SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL
ELEPHANT, AFRICAN	6	43	66	33	148
GIRAFFE	3	6	0	1	10
HARE, SCRUB	0	0	1	0	1
HYAENA, SPOTTED	0	0	6	0	6
KUDU	14	47	0	2	63
MONKEY, VERVET	0	0	6	3	9
STEENBOK	0	0	1	0	1
WARTHOG	1	1	0	3	5
ZEBRA, BURCHELL'S	0	0	9	0	9
Total	24	97	89	42	252

Comment: PUMPED PAN - WATER LEVEL EXCELLENT. SURROUNDS - SPARSE GRASS, DRIED SHRUBS WITH TREE LINE FAR FROM PAN. HOT AND WINDY. ALL ANIMALS DRANK.

Area: MAIN CAMP Team Leader: RICHARD HOARE Date: 04-Oct-17

Water Point: SOMALISA ACACIA Number Of Different Species Seen: 8

SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL
ELEPHANT, AFRICAN	92	275	367	128	862
HYAENA, SPOTTED	o	0	2	0	2
IMPALA	o	0	3	0	3
JACKAL, BLACK-BACKED	o	0	1	0	1
KUDU	11	29	0	4	44
SABLE ANTELOPE	1	6	2	6	15
WATERBUCK	o	2	0	0	2
ZEBRA, BURCHELL'S	2	2	0	0	4
Total	106	314	375	138	933

Comment: PUMPED PAN 75MT X 15MT - LEVEL MEDIUM: MUDDY. IN GRAINAGE LINE/VLEI: TEAK RIDGE WEST SIDE, COMBRETUM RIDGE EAST SIDE. HOT AND SUNNY. 1/F ELEPHANT TUSKLESS. MOST ANIMALS DRANK.

Area: MAIN CAMP Team Leader: DENNIS NEL Date: 04-Oct-17

Water Point: SOMALISA CAMP PAN Number Of Different Species Seen: 10

SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL
BABOON, CHACMA	3	0	63	0	66
ELEPHANT, AFRICAN	114	655	277	256	1302
HYAENA, SPOTTED	0	0	5	0	5
IMPALA	4	10	0	0	14
JACKAL, BLACK-BACKED	0	0	3	0	3
JACKAL, SIDE-STRIPED	0	0	2	0	2
KUDU	4	6	0	1	11
SABLE ANTELOPE	2	17	0	10	29
WATERBUCK	1	6	0	2	9
ZEBRA, BURCHELL'S	0	2	0	0	2
Total	128	696	350	269	1443

Comment: SOLAR PUMPED PAN +-300MT IN DIAMETER - WATER HIGH LEVEL AND EXCELLENT.
GRAZING STILL GOOD AROUND PAN. FINE AND HOT WITH BREEZE: LIGHT CLOUD
COVER. HIGH NUMBER OF ANIMALS RECORDED - MOST ANIMALS DRANK. 1/F TUSKLESS

Area: MAIN CAMP Team Leader: NEL MARTHINUS Date: 04-Oct-17

Water Point: STOFFIES PAN Number Of Different Species Seen: 11

SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL
BABOON, CHACMA	8	11	23	4	46
BUFFALO, CAPE	2	0	220	60	282
ELEPHANT, AFRICAN	56	39	25	23	143
GIRAFFE	o	0	7	5	12
IMPALA	o	14	0	0	14
JACKAL, BLACK-BACKED	0	0	3	0	3
KUDU	4	0	0	0	4
LION	0	4	0	7	11
MONKEY, VERVET	0	0	4	0	4
WARTHOG	2	1	0	0	3
ZEBRA, BURCHELL'S	0	1	0	0	1
Total	72	70	282	99	523

Comment: HOT AND DRY. MOST ANIMALS DRANK.

Area: MAIN CAMP Team Leader: MARK HALDERMAN Date: 04-Oct-17

Water Point: TSHEBE TSHEBE Number Of Different Species Seen: 8

SPECIES MALE FEMALE UNCLASSIFIED JUVENILE TOTAL

SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL
BABOON, CHACMA	0	0	38	9	47
ELEPHANT, AFRICAN	6	o	32	9	47
HYAENA, SPOTTED	0	0	2	0	2
KUDU	1	10	0	2	13
MONKEY, VERVET	0	0	10	3	13
STEENBOK	3	1	1	0	5
WARTHOG	0	3	15	0	18
ZEBRA, BURCHELL'S	0	1	47	6	54
Total	10	15	145	5 29	199

Comment: SOLAR PUMPED PAN 15MT X 18MT: WATER CLEAN - QUARTER FULL. SURROUNDS - SPARSE GROWTH - 3 TREES NEXT TO PAN. HOT ANDY WINDY. MOST ANIMALS DRANK.

Area: MAIN CAMP Team Leader: SAS ERASMUS Date: 04-Oct-17

Water Point: UMKAWAZAAN Number Of Different Species Seen: 7

SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL
DUIKER, COMMON	0	0	1	0	1
ELEPHANT, AFRICAN	41	103	186	69	399
GIRAFFE	0	8	8	0	16
HYAENA, SPOTTED	0	0	1	0	1
KUDU	5	0	0	0	5
SPRINGHARE	0	0	1	0	1
ZEBRA, BURCHELL'S	0	0	34	0	34
Total	46	111	231	69	457

Comment: SOLAR PUMPED PAN - 60MT ACROSS - WATER LEVEL LOW - DANK - AXTREMELY SALINE. HOT, CLEAR SKY, COOLING AT NIGHT. 2 ORYX RECORDED WITH 3/M KUDU. MOST ANIMALS DRANK.

Area: MAIN CAMP

Team Leader: KEN MCDIARMID

Date: 04-Oct-17

Number Of Different Species Seen: 10

SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL
BABOON, CHACMA	2	5	48	5	60
BUFFALO, CAPE	6	0	0	0	6
ELEPHANT, AFRICAN	5	55	50	14	124
HIPPOPOTAMUS	0	0	3	0	3
HYAENA, SPOTTED	0	0	12	0	12
IMPALA	2	2	0	0	4
JACKAL, SIDE-STRIPED	0	0	3	0	3
SABLE ANTELOPE	5	8	10	0	23
WARTHOG	3	0	0	0	3
ZEBRA, BURCHELL'S	0	40	114	2	156
Total	23	110	240	21	394

Comment: PUMPED PAN 80MT X 60MT - WATER GOOD AND AT HIGH LEVEL. GOOD VEGETATION, PLENTY OF GRASS. PARTLY CLOUDY ON FIRST DAY, CLEAR 2nd DAY - LIGHT WIND. 2 RESIDENT HIPPO: GOOD SIGHTING OF 156 ZEBRA. ALL ANIMALS DRANK.

Area: MAIN CAMP Team Leader: PETER PATTERSON Date: 04-Oct-17

Water Point: WHITE HILLS Number Of Different Species Seen: 7

SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL
ELEPHANT, AFRICAN	14	18	4	10	46
GIRAFFE	0	0	1	0	1
HYAENA, SPOTTED	3	0	0	0	3
IMPALA	1	5	0	0	6
LION	1	0	0	0	1
ROAN ANTELOPE	0	0	1	0	1
WARTHOG	1	1	0	2	4
Total	20	24	•	5 12	62

Comment: (30 AT 1500 AND 16 AT 0300): 62 ANIMALS WITH 46 ELEPHANT: 1/M LION: MOST DRANK.

Wildlife & Environment Zimbabwe - Hwange National Park - Robins Area Totals								
Total Species Seen :29			Cou	nt Date :	04-Oct-17			
SPECIES	MALE	FEMALE	UNCLASS	JUVENILE	TOTAL			
BABOON, CHACMA	26	90	144	57	317			
BUFFALO, CAPE	7	0	330	0	337			
BUSHBUCK	3	1	0	0	4			
CHEETAH	1	1	0	0	2			
ELEPHANT, AFRICAN	322	1297	703	676	2998			
GIRAFFE	10	5	21	0	36			
HARE, SCRUB	0	0	6	0	6			
HIPPOPOTAMUS	2	4	6	6	18			
HONEY BADGER	0	0	2	0	2			
HYAENA, SPOTTED	1	2	26		29			
HYRAX, ROCK	0	0	23		23			
IMPALA	287	716	28		1104			
JACKAL, BLACK-BACKED	0	0	9	0	9			
JACKAL, SIDE-STRIPED	1	0	0	0	1			
KUDU	98	177	13	31	319			
LEOPARD	1	0	0	0	1			
LION	9	7	6	1	23			
MONGOOSE, BANDED	0	0	59	0	59			
MONGOOSE, SLENDER	0	1	5	0	6			
MONKEY, VERVET	0	0	1	0	1			
REEDBUCK	19	42	12	4	77			
ROAN ANTELOPE	11	32	15		76			
SABLE ANTELOPE	4	5	4	3	16			
SPRINGHARE	0	0	2 2	0	2			
STEENBOK	3 5	4	4	0	9			
TSESSEBE WARTHOG	28	1	58	35	144			
WATTHOG	0	23 5	0	0	144 5			
ZEBRA, BURCHELL'S	2	20	147	9	178			
Totals	840	2433	1623	913	5809			

COMMENT:

Area: ROBINS Team Leader: TOM HANNAY Date: 04-Oct-17 **BIG TOMS** Total Number Of Species Seen: Water Point: **SPECIES** MALE FEMALE UNCLASSIFIED **JUVENILE TOTAL** ELEPHANT, AFRICAN **GIRAFFE** HYAENA, SPOTTED **IMPALA** JACKAL, BLACK-BACKED KUDU LION REEDBUCK **ROAN ANTELOPE** WARTHOG ZEBRA, BURCHELL'S

Comment: SPARSE VEGETATION, WITH STUNTED TREES AND BARE SAND SOIL. VERY WINDY AND HOT DURING DAYLIGHT HOURS. SLIGHTLY OVERCAST DURING THE NIGHT. STRETCH OF RIVER 400M LONG - SHALLOW. GOOD NUMBER OF ELEPHANT RECORDED HERE. AND OF INTEREST

Total

Area: ROBINS Team Leader: ELENA HANAKOVA Date: 04-Oct-17 BUMBUMUTSA Total Number Of Species Seen: Water Point: MALE FEMALE UNCLASSIFIED **SPECIES JUVENILE TOTAL** ELEPHANT, AFRICAN **GIRAFFE** HARE, SCRUB HYAENA, SPOTTED **IMPALA** JACKAL, BLACK-BACKED Ol KUDU **ROAN ANTELOPE** SABLE ANTELOPE **WARTHOG** ZEBRA, BURCHELL'S

Comment: PUMPED PAN - AT 1807 PUMP STOPPED. MOST ANIMALS DRANK.

Total

Wildlife & Environment Zimbabwe - Matabeleland Branch
Animal Count for Hwange National Park

SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL
BABOON, CHACMA	0	0	31	4	35
ELEPHANT, AFRICAN	9	89	0	35	133
HYAENA, SPOTTED	0	0	1	0	1
IMPALA	12	29	0	0	41
KUDU	5	0	0	0	5
WARTHOG	1	1	0	1	3
ZEBRA, BURCHELL'S	0	0	3	0	3
Total	27	119	35	40	221

Comment: DAM 3-400MTRE IN DIAMETER. DAM MOSTLY SURROUNDED BY DRY TREES. HOT AND WINDY. 9 ELEPHANT RECORDED AS SKITTISH. MOST ANIMALS DRANK.

	Wildlife & Envi		- Matabelela National Pa		ch	
Area: ROBINS		Team Leade		Date :	04-Oct-17	
Water Point :	CROC POOLS HIE	DΕ	Total Number	r Of Speci	es Seen :	5
			 		1	TOT 11

Water Point : CROC POOLS HID	Е		Total Number	Of Species Se	5	
SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL	
BABOON, CHACMA ELEPHANT, AFRICAN HIPPOPOTAMUS IMPALA WARTHOG	1 2 2 0 0	5 0 4 2 0	0 0 6 0 2	6 0 6 0		12 2 18 2 2
Total	5	11	8	12		36

Comment : HOT AND COOLER IN THE EVENING. 18 HIPPO AND 6 CROCODILE RECORDED AT THIS PAN. NOT ALL ANIMALS DRANK AT THIS PAN.

Area: ROBINS Team Leader: W.P.ROWE Date: 04-Oct-17 DEKA CAMP SPRING Total Number Of Species Seen: 6 Water Point : MALE **SPECIES** FEMALE UNCLASSIFIED JUVENILE **TOTAL** ELEPHANT, AFRICAN 6 35 154 15 210 **IMPALA** 3 17 0 20 0 KUDU 17 23 13 1 54 REEDBUCK 8 0 12 4 0

Total 32 91 167 18 308

0

2

2

6

0

2

0

0

2

10

Comment: NOT ALL ANIMALS DRANK.

WARTHOG

ZEBRA, BURCHELL'S

Area: ROBINS Team Leader: BRIAN KOK Date: 04-Oct-17

Water Point: DETERMA DAM Total Number Of Species Seen: 13

Water Point : DETEEMA DAM			Total Number (een: 13	
SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL
BABOON, CHACMA	4	0	19	6	29
BUFFALO, CAPE	7	0	330	0	337
ELEPHANT, AFRICAN	42	244	0	93	379
GIRAFFE	3	2	0	0	5
HARE, SCRUB	0	0	1	0	1
HONEY BADGER	0	0	1	0	1
IMPALA	137	337	15	64	553
JACKAL, BLACK-BACKED	0	0	1	0	1
KUDU	17	53	0	17	87
LION	1	3	0	0	4
ROAN ANTELOPE	1	7	0	6	14
WARTHOG	3	1	25	3	32
ZEBRA, BURCHELL'S	0	12	7	0	19
Total	215	659	399	189	1462

Comment: OPEN SHORT GRASS AROUND THE DAM. SMALLER SCRUB MOVING INTO GOOD MOPANE BUSH. HOT, CLEAR AND WINDY. SIZE 300MT LENGTH X 150MT WIDE. FAIRLY SHALLOW FOR THE MOST PART. GOOD NUMBER OF ANIMALS RECORDED HERE AND MOST DRANK.

Area: ROBINS Team Leader: BASIL BUTCHER Date: 04-Oct-17

Water Point: DETERMA PICNIC SITE			Total Number	of Species Se	een: 13
SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL
BABOON, CHACMA	11	19	27	13	70
ELEPHANT, AFRICAN	41	37	30	22	130
HARE, SCRUB	0	0	2	0	2
HYAENA, SPOTTED	0	0	3	0	3
HYRAX, ROCK	0	0	23	0	23
IMPALA	40	112	0	1	153
JACKAL, BLACK-BACKED	0	0	1	0	1
KUDU	7	19	0	2	28
LEOPARD	1	0	0	0	1
MONGOOSE, BANDED	0	0	24	0	24
MONGOOSE, SLENDER	0	0	3	0	3
ROAN ANTELOPE	0	0	1	0	1
WARTHOG	2	1	0	2	5
Total	102	188	114	40	444

Comment: SEEP ON SMALL STREAM - WATER LEVEL LOW. HOT, CLEAR AND VERY WINDY. NOT ALL ANIMALS DRANK SOME WERE NERVOUS. GOOD SIGHTING OF LEOPARD. NOT ALL ANIMALS DRANK.

Area: ROBINS	Team Leader: DOUGLAS ANDERSON			Dat	e: 04-Oct-17
Water Point : DILILO PAN			Total Number	Of Species Se	een: 9
SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL
СНЕЕТАН	1	1	0	0	2
ELEPHANT, AFRICAN	25	65	49	32	171
GIRAFFE	0	0	4	0	4
IMPALA	6	15	0	0	21
KUDU	1	8	0	0	9
REEDBUCK	0	2	0	0	2
TSESSEBE	1	0	0	0	1
WARTHOG	6	6	0	5	17
ZEBRA, BURCHELL'S	0	0	2	0	2
Total	40	97	55	37	229

Comment : OPEN GRASSLAND AND BROWSED MOPANE SHRUBS. CLEAR, HOT MIDDAY, FAIRLY STRONG NE WIND. 60M LONG PAN. CLEAN WATER (SOLAR PUMP). 2 CHEETAH RECORDED HERE KILLING A WARTHOG.

Wildlife & Environment Zimbabwe - Matabeleland Branch Animal Count for Hwange National Park								
Area: ROBINS	Team Leade	r: JOHN GF	ROBLER	Dat	e: 04-Oct-17			
Water Point : LITTLE TOMS			Total Number Of Species Seen :					
SPECIES	MALE	FEMALE	UNCLASSIFIED	TOTAL				
ELEPHANT, AFRICAN GIRAFFE IMPALA KUDU REEDBUCK ROAN ANTELOPE WARTHOG ZEBRA, BURCHELL'S	1 0 0 6 0 1 1 0	9 0 12 10 3 1 0		0 4 1 2 0	33 13 19 20 4 4 3 78			
Total	9	35	114	16	174			

Comment: WATER GOOD. HOT AND WINDY. FEW ANIMALS DRANK (LOTS OF ALTERNATIVE WATER)

Wildlife & Environment Zimbabwe - Matabeleland Branch Animal Count for Hwange National Park							
Area: ROBINS	Team Leade	r: CHRIS R	OGERS	Dat	e: 04-Oct-17		
Water Point : MAHOHOMA SEE	7 1		Total Number Of Species Seen: 7				
SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL		
ELEPHANT, AFRICAN HYAENA, SPOTTED IMPALA LION MONGOOSE, SLENDER WARTHOG ZEBRA, BURCHELL'S	2 1 2 0 0 2 0	18 1 0 3 1 1 2	5 0 0 6 0 1 1	15 0 0 0 0 0	40 2 2 9 1 4 3		
Total	7	26	13	15	61		

Comment: A NUMBER OF INJURED ANIMALS RECORDED HERE. MOST ANIMALS DRANK.

Area: ROBINS Team Leader: KERRITH FRASER Date: 04-Oct-17 MAHOHOMA SEEP 2 Total Number Of Species Seen: Water Point : MALE FEMALE UNCLASSIFIED JUVENILE **SPECIES TOTAL** ELEPHANT, AFRICAN HYAENA, SPOTTED **IMPALA** JACKAL, BLACK-BACKED 0 LION MONGOOSE, SLENDER REEDBUCK STEENBOK Total

Comment: GOOD WATER. RECENT FIRE. HOT, CLOUDLESS SKY, DRY AND STRONG GUSTING WIND. GOOD LION SIGHTING. MOST ANIMALS DRANK.

Wildlife & Environment Zimbabwe - Matabeleland Branch Animal Count for Hwange National Park							
Area: ROBINS		Team Leader : DAVE DREWETT Date : 04				te: 04-Oct-17	
Water Point :	MAHOHOMA SEEF	Total Number Of Species Seen :				een: 1	
SPI	ECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL	
REEDBUCK		0	2	0	0	2	
Total		0	2	0	0	2	

Comment: LOW COUNT OF 2 REEDBUCK.

Wildlife & Environment Zimbabwe - Matabeleland Branch Animal Count for Hwange National Park								
Area: ROBINS	Team Leader: A. SCHROUDER			Dat	e: 04-Oct-17			
Water Point : MANZICHISA 1	oint : MANZICHISA 1 Total Number Of Species Seen :							
SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL			
BABOON, CHACMA ELEPHANT, AFRICAN HYAENA, SPOTTED IMPALA KUDU MONGOOSE, BANDED	5 7 0 36 1	10 58 1 94 9	I	4 16 0 0 0	1 130 10			

Comment : PAN 3MT WIDE X 60MT LONG - WATER LOW. SURROUNDS - DRY MOPANE WOODLAND WITH ROCKY OUTCROPS. CLEAR SKY WITH WINDS GUSTS. ALL ANIMALS DRANK.

Total

Wildlife & Environment Zimbabwe - Matabeleland Branch Animal Count for Hwange National Park							
Area: ROBINS		Team Leade	r: JAN.H.ST	TANDER	Dat	e: 04-Oct-17	
Water Point :	MANZICHISA 2	Total Number Of Species Seen :					
SP	ECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL	
BABOON, CHAC ELEPHANT, AFR IMPALA KUDU		0 0 1 10	0 0 5 18	24 8 0 0	0 3 0 0	24 11 6 28	
Total		11	23	32	3	69	

Comment: NATURAL SEEP WITH ABUNDANT WATER. VEGETATION DRY YET IN GOOD CONDITION. SUUNY WITH CLEAR SKIES THROUGHOUT THE COUNT. QUITE BREEZY DURING THE DAY AND HAZY. MOST ANIMALS DRANK.

Animal Count for Hwange National Park								
	Team Leader: BRUCE K		Date :	04-Oct-17				
MANZIMBOVU		Total Number	er Of Specie	s Seen :	9			

SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL
ELEPHANT, AFRICAN	3	11	44	16	74
GIRAFFE	1	1	0	0	2
HYAENA, SPOTTED	l o	0	15	0	15
KUDU	9	7	0	0	16
MONKEY, VERVET	l o	0	1	0	1
ROAN ANTELOPE	5	0	3	0	8
SABLE ANTELOPE	4	5	3	3	15
STEENBOK	1	0	1	0	2
WARTHOG	2	1	3	2	8
Total	25	25	70	21	141

Area: ROBINS

Water Point:

Comment : 100 X 30MTS - MUDDY PAN - LOW WATER LEVEL. DRY SMALL TREES AND DRY HARD SOIL SURROUNDING PAN. WATER 100M X 30M. WATER LEVEL LOW.

Wildlife & Environment Zimbabwe - Matabeleland Branch Animal Count for Hwange National Park						
Area: ROBINS	Team Leade	r: TONY PA	ARK	Dat	e: 04-Oct-17	
Water Point : NANTWICH			Total Number (Of Species Se	een: 7	
SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL	
BABOON, CHACMA HONEY BADGER HYAENA, SPOTTED IMPALA KUDU MONGOOSE, SLENDER REEDBUCK	0 0 0 8 1 0 3	0 0 0 17 3 0 3	24 1 1 6 0 1 3	6 0 0 0 0	30 1 1 31 4 1 9	
Total	12	23	36	6	77	

Comment: 2 X NATURAL SPRINGS. HOT AND DRY. WATER LOW. FEW ANIMALS DRANK.

Wildlife & Environment Zimbabwe - Matabeleland Branch --- Animal Count for Hwange National Park ---

Allillio		i iiwaiige	- National Lair	\	
Area: ROBINS	Team Leade	r : D. BYRN	IE	Dat	e: 04-Oct-17
Water Point : REEDBUCK VLEI			Total Number	Of Species S	een: 10
SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL
ELEPHANT, AFRICAN HYAENA, SPOTTED IMPALA JACKAL, SIDE-STRIPED LION REEDBUCK STEENBOK TSESSEBE WARTHOG ZEBRA, BURCHELL'S	16 0 5 1 2 2 2 0 0	137 0 2 0 0 2 4 1 0	50 1 0 0 9 0 1 9 5	0 0 0 0 0 0	252 1 7 1 2 13 6 2 10 6
Total	28	146	75	51	300

Comment : PLENTY OF GREEN GRASS DUE TO RECENT VELD FIRE. VERY HOT AND DRY WITH PERIODS OF HEAVY WINDS. WATER LEVEL LOW. ALL ANIMALS EXTREMELY NERVOUS. FEW ANIMALS DRANK.

Wildlife & Environment Zimbabwe - Matabeleland Branch Animal Count for Hwange National Park							
Area: ROBINS		Team Leade	eam Leader: PETER MUNDY				: 04-Oct-17
Water Point :	ROBINS CAMP WE	IR		Total Numbe	r Of Specie	s See	en: 4
SP	ECIES	MALE	FEMALE	UNCLASSIFIE	D JUVENI	LE	TOTAL
BABOON, CHAC	MA	5	56	1	5	18	94
BUSHBUCK		3	1		0	0	4
WARTHOG		0	1		0	0	1
WATERBUCK		0	5		0	0	5
Total		8	63	•	15	18	104

Comment: HOT AND WINDY. FEW ANIMALS DRANK. 67 SPECIES OF BIRD RECORDED HERE.

Wildlife & Environment Zimbabwe - Matabeleland Branch Animal Count for Hwange National Park							
Area: ROBINS	Team Leade	r: BRETT M	1ARTIN	Dat	e: 04-Oct-17		
Water Point : SALT PAN	Total Number Of Species Seen: 1				een : 10		
SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL		
ELEPHANT, AFRICAN GIRAFFE IMPALA JACKAL, BLACK-BACKED REEDBUCK ROAN ANTELOPE SPRINGHARE	4 2 1 0 1 3	21 0 0 0 3 1	0 3 0 2 0 2 2	8 0 0 0 0	33 5 1 2 4 6		

Comment: SPRING WITH GOOD WATER BUT BRACKISH. HOT AND WINDY DURING THE DAY. TSESSEBE 4 AND 42 WARTHOG RECORDED AT THIS PAN. NOT ALL ANIMALS DRANK.

TSESSEBE

WARTHOG

Total

ZEBRA, BURCHELL'S

Wildlife & Environment Zimbabwe - --- Sinamatella Area Totals

Number Of Species Seen 27

Count Date: 04-Oct-17

SPECIES	MALE	FEMALE	UNCLASS	JUVENILE	TOTAL
BABOON, CHACMA	26	66	300	54	446
BUFFALO, CAPE	30	1435	953	0	2418
CHEETAH	0	0	1	0	1
CIVET	0	0	4	0	4
DUIKER, COMMON	1	1	1	0	3
ELEPHANT, AFRICAN	422	551	1893	567	3433
GIRAFFE	1	1	13	0	15
HARE, SCRUB	1	0	1	0	2
HIPPOPOTAMUS	2	10	33	5	50
HONEY BADGER	0	0	1	0	1
HYAENA, SPOTTED	4	1	65		70
IMPALA	399	958	224	5	1586
JACKAL, BLACK-BACKED	3	3	18	0	24
JACKAL, SIDE-STRIPED	0	0	1	0	1
KUDU	56	171	4	6	237
LION	3	9	0	0	12
MONGOOSE, BANDED	0	0	11	0	11
MONGOOSE, SLENDER	0	0	3	0	3
MONKEY, VERVET	0	0	1	0	1
ROAN ANTELOPE	3	5	1	2	11
SABLE ANTELOPE	2	7	0	4	13
SPRINGHARE	0	0	12	0	12
STEENBOK	0	0	2	0	2
WARTHOG	55		107	36	256
WATERBUCK	15	26	0	5	46
WILD DOG	0	0	12		12
ZEBRA, BURCHELL'S	10	21	142	15	188
Totals:	1033	3323	3803	699	8858

COMMENT:

Wildlife & Environment Zimbabwe - Matabeleland Branch --- Animal Count for Hwange National Park ---

Team Leader: RUSSELL SCHOEMAN Area: **SINAMATELLA** Date: 04-Oct-17 Number Of Different Species Seen: : Water Point: BAOBAB MALE **FEMALE** UNCLASSIFIED JUVENILE **SPECIES TOTAL** CIVET DUIKER, COMMON ELEPHANT, AFRICAN **GIRAFFE** HYAENA, SPOTTED **IMPALA** KUDU 1 SPRINGHARE **STEENBOK**

Comment: PAN 30MT IN DIAMETER - 50% FULL. VERY DRY SURROUNDS. DRY AND HOT. KUDU, IMPALA, WARTHOG, ELEPHANT AND ZEBRA NERVOUS - PERHAPS STRONG WINDS ATTRIBUTING.

MOST DRANK.

WARTHOG

Total

ZEBRA, BURCHELL'S

Wildlife & Environment Zimbabwe - Matabeleland Branch --- Animal Count for Hwange National Park ---

Area: SINAMATELLA Team Leader: ERROL EDWARDS Date: 04-Oct-17

Water Point: CAMP HWANGE Number Of Different Species Seen:: 10

SPECIES MALE FEMALE UNCLASSIFIED JUVENILE TOTAL

BABOON, CHACMA 4 2 9 2 17

BUFFALO, CAPE 9 0 219 0 228

FLERHANT AFRICAN 9 0 464 697 489 4864

3. 20.20		1 =1017 (==	01102/10011122	OOVEIVILL	101712
BABOON, CHACMA	4	2	9	2	17
BUFFALO, CAPE	9	0	219	0	228
ELEPHANT, AFRICAN	90	161	627	183	1061
HIPPOPOTAMUS	o	0	1	0	1
IMPALA	4	4	3	0	11
JACKAL, SIDE-STRIPED	0	0	1	0	1
ROAN ANTELOPE	2	0	0	0	2
SPRINGHARE	0	0	2	0	2
WARTHOG	2	4	3	0	9
ZEBRA, BURCHELL'S	3	2	29	2	36
Total	114	173	894	187	1368

Comment: PUMPED PAN 700MT IN DIAMETER - WATER LEVEL HIGH. GOOD TREE LINE AND ADEQUATE GRASS. WINDY, HOT - CLEAR SKIES. ZEBRA AND ROAN NERVOUS. LARGE NUMBER OF ELEPHANT RECORDED AND 1 RESIDENT HIPPO. MOST ANIMALS DRANK.

Wildlife & Environment Zimbabwe - Matabeleland Branch
Animal Count for Hwange National Park

Area: SINAMATELLA Team Leader: ELSA WESSELS Date: 04-Oct-17

Water Point: DWARF GOOSE Number Of Different Species Seen:: 10

SPECIES MALE FEMALE UNCLASSIFIED JUVENILE TOTAL

BUFFALO, CAPE 2 0 0 0 0 2

ELEPHANT, AFRICAN 98 79 177 99 453

HYAENA, SPOTTED 3 0 5 0 8

SPECIES	IVIALE	FEMALE	UNCLASSIFIED	JUVENILE	IOTAL
BUFFALO, CAPE	2	0	0	0	2
ELEPHANT, AFRICAN	98	79	177	99	453
HYAENA, SPOTTED	3	0	5	0	8
IMPALA	3	10	0	1	14
KUDU	2	3	1	2	8
LION	2	0	0	0	2
ROAN ANTELOPE	1	5	1	2	9
SABLE ANTELOPE	2	7	0	4	13
WARTHOG	4	2	0	0	6
ZEBRA, BURCHELL'S	2	4	12	3	21
Total	119	110	196	111	536

Comment: NATURAL PAN 85MT X 29MT WITH CLEAR WATER ABOUT 50CM DEEP. SURROUNDED BY MOPANE SHRUBS AND TREES. HOT AND WINDY. HAZY DURING DAY. HYAENAS LAY IN THE WATER. MOST ANIMALS DRANK.

Wildlife & Environment Zimbabwe - Matabeleland Branch Animal Count for Hwange National Park						
Area: SINAMATELLA	Team Lead	Team Leader : STEPHEN LONG Date : 04-Oct-17				
Water Point : INYANTUE DAM	Number Of Different Species Seen: :				Seen:: 6	
SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL	
BABOON, CHACMA ELEPHANT, AFRICAN HYAENA, SPOTTED IMPALA KUDU WARTHOG	2 5 0 34 2 5	5 1 0 75 2 8	153 82 1 0 0	8 0 0 1	96 1 109 11	
Total	48	100	252	50	450	

Comment: LARGE, WATER LEVEL SATISFACTORY, BUT LOW.SURROUNDED MAINLY BY MOPANE, WITH RIVERINE VEGETATION BELOW THE DAM WALL AND GRASS AROUND THE PAN. SURROUNDING AREA BURNT IN BUSH FIRE. VERY HOT, DRY AND WINDY AND COOLER AT

Wildlife & Environment Zimbabwe - Matabeleland Branch
Animal Count for Hwange National Park

Area: SINAMATELLA Team Leader: SYLVIA SCHMID Date: 04-Oct-17

Water Point: KASHAWE VIEWING Number Of Different Species Seen:: 7

SPECIES MALE FEMALE UNCLASSIFIED JUVENILE TOTAL

ELEPHANT, AFRICAN 0 6 0 2 8

GIRAFFE 1 0 1 0 2 2

01 20120					
ELEPHANT, AFRICAN	0	6	0	2	8
GIRAFFE	1	0	1	0	2
HYAENA, SPOTTED	0	0	3	0	3
IMPALA	28	25	35	0	88
KUDU	9	11	1	2	23
MONGOOSE, SLENDER	0	0	2	0	2
WARTHOG	1	1	10	0	12
Total	39	43	52	4	138

Comment: MOPANE BUSH, DRY GRASS AND A FEW PATCHES OF GREEN GRASS. SUNNY, WINDY, NO CLOUDS. WATER GOOD, WITH LARGE AND SMALL PUDDLES. BUFFALO CARCASS IN THE VICINITY. ELEPHANTS NERVOUS AND VERY FEW ANIMALS DRANK.

Wildlife & Environment Zimbabwe - Matabeleland Branch --- Animal Count for Hwange National Park ---

Area:

SINAMATELLA

Team Leader : GRAHAM FIELDER Water Point: MANDAVU EAST Number Of Different Species Seen: : 11 FEMALE LINCLASSIFIED IIIVENII E

Date:

04-Oct-17

Total	78	209	122	24	433
ZEBRA, BURCHELL'S	2	0	30	2	34
WATERBUCK	9	15	0	3	27
WARTHOG	4	1	18	4	27
MONKEY, VERVET	l o	0	1	o	1
LION	1	1	0	o	2
KUDU	11	48	0	l o	59
JACKAL, BLACK-BACKED	l o	0	6	l o	6
IMPALA	45	136	0	1	182
HYAENA, SPOTTED	1	1	15	o	17
GIRAFFE	l o	0	5	l o	5
ELEPHANT, AFRICAN	5	7	47	14	73
SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL

Comment: AREA WELL GRAZED WITH SPARSE TREE. FIRST DAY WEATHER PERFECT. HOWEVER FROM 8:30 5th WINDY AFFECTING GAME (NERVOUS). WATER IS GOOD WITH PLENTY OF CROCODILES (COUNTED 28), HIPPO AND WATER BIRDS. NOT ALL ANIMALS DRANK.

Wildlife & Environment Zimbabwe - Matabeleland Branch --- Animal Count for Hwange National Park ---

Team Leader: SIMON BOWMAN SINAMATELLA Water Point: MANDAVU WEST Number Of Different Species Seen: : 12

Date:

04-Oct-17

Area:

SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL
BABOON, CHACMA	5	30	38	15	88
BUFFALO, CAPE	0	1435	730	O	2165
CIVET	0	0	1	0	1
ELEPHANT, AFRICAN	1	13	43	5	62
HIPPOPOTAMUS	0	0	24	0	24
HYAENA, SPOTTED	0	0	1	0	1
IMPALA	39	131	42	0	212
JACKAL, BLACK-BACKED	0	0	1	0	1
KUDU	2	15	0	0	17
WARTHOG	3	11	5	7	26
WATERBUCK	0	11	0	2	13
ZEBRA, BURCHELL'S	0	0	26	1	27
Total	50	1646	911	30	2637

Comment: COMMENTS AS FOR MANDAVU EAST AND CAR PARK. HOT DAYS. 2165 BUFFALO RECORDED (2 HERDS) ALL ANIMALS DRANK AND GENERALLY IN GOOD CONDITION AND CALM.

Wildlife & Environment Zimbabwe - Matabeleland Branch
Animal Count for Hwange National Park

Area: SINAMATELLA Team Leader: PIETER DU PLESSIS Date: 04-Oct-17 Number Of Different Species Seen: : Water Point: MASHAMBO MALE **FEMALE** UNCLASSIFIED JUVENILE **SPECIES TOTAL** BABOON, CHACMA BUFFALO, CAPE ELEPHANT, AFRICAN **GIRAFFE** HONEY BADGER HYAENA, SPOTTED **IMPALA** KUDU WARTHOG ZEBRA, BURCHELL'S

Comment: VEGETATION GOOD, AMPLE WATER (FULL AND GREENISH IN COLOUR) IN PAN (50MT X 70MT) AND WELL FREQUENTED BY ANIMALS. HOT AND WINDY. HEARD GUNSHOT AT 10:30Hrs 5th.

Total

Wildlife & Environment Zimbabwe - Matabeleland Branch --- Animal Count for Hwange National Park ---

Area: SINAMATELLA Team Leader: PAT COX Date: 04-Oct-17

Water Point: MASUMA Number Of Different Species Seen:: 11

SPECIES MALE FEMALE UNCLASSIFIED JUVENILE TOTAL

BABOON, CHACMA 3 12 50 1 66

BUFFALO, CAPE 2 0 0 0 2

SPECIES	IVIALE	FEIVIALE	UNCLASSIFIED	JUVEINILE	IOIAL
BABOON, CHACMA	3	12	50	1	66
BUFFALO, CAPE	2	0	0	0	2
ELEPHANT, AFRICAN	80	90	371	70	611
HIPPOPOTAMUS	1	6	0	1	8
IMPALA	116	238	91	0	445
JACKAL, BLACK-BACKED	2	2	5	0	9
KUDU	16	31	0	0	47
LION	0	8	0	0	8
WARTHOG	12	10	15	0	37
WATERBUCK	6	0	0	0	6
ZEBRA, BURCHELL'S	2	6	0	0	8
Total	240	403	532	72	1247

Comment: PUMPED PAN - GOOD WATER. WITH 8 RESIDENT HIPPO. GOOD LION SIGHTING AND HIGH NUMBER OF ANIMALS RECORDED, WHICH ALL DRANK.

Wildlife & Environment Zimbabwe - Matabeleland Branch Animal Count for Hwange National Park									
Area: SINAMATELLA	Team Lead	er : TRUST [Date	: 04-Oct-17					
Water Point : MATOA Number Of Different Species					Seen:: 5				
SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL				
BUFFALO, CAPE ELEPHANT, AFRICAN HARE, SCRUB STEENBOK WARTHOG	1 2 0 0 1	0 31 0 0 0 2	0 35 1 1 0	0 28 0 0 3	1 96 1 1 6				
Total	4	33	37	31	105				

Comment : WATER CLEAR AND AT 70% LEVEL. MOPANE WOODLAND. HOT AND WINDY. ALL ANIMALS DRANK.

Wildlife & Environment Zimbabwe - Matabeleland Branch --- Animal Count for Hwange National Park ---

Date:

04-Oct-17

Team Leader : MARK GREEN

Area:

SINAMATELLA

Water Point : SHUMBA PLATFORM

Number Of Different Species Seen: : 13

SPECIES

MALE FEMALE UNCLASSIFIED JUVENILE TOTAL

BUFFALO, CAPE
16 0 0 0 16

CHEETAH
0 0 1 1 0 1

Total	103	149	293	68	613
ZEBRA, BURCHELL'S	0	0	17	3	20
		3		•	
WARTHOG		3	21	Ĭ	· ·
SPRINGHARE	0	0	8	0	l 8
MONGOOSE, SLENDER	l o	l 0	1	l o	1
KUDU	2	10	0	0	12
JACKAL, BLACK-BACKED	1	1	3	0	5
IMPALA	25	62	0	0	87
HYAENA, SPOTTED	0		5	0	5
HIPPOPOTAMUS	1	4	8	4	17
ELEPHANT, AFRICAN	51	69	228	61	409
CIVET	0	0	1	0	1
CHEETAH	0	0	1	0	1
BUFFALO, CAPE	16	0	0	0	16

Comment: PUMPED PAN (2 SOLARS) 350MT X 75MT - GOOD WATER/FULL. SPARSE WOODLAND/OPEN SAVVANAH. HOT, DRY AND WINDY. RESIDENT HIPPO - FAMILY GROUP. GOOD NUMBER OF ANIMALS - ALL DRANK.

Wildlife & Environment Zimbabwe - Matabeleland Branch Animal Count for Hwange National Park										
Area: SINAMATELLA	Team Leade	Team Leader : ROBERT RAWLINS Date : 04-0								
Water Point: TSHAKABIKA 1		•	Number Of Diffe	Of Different Species Seen: :						
SPECIES	MALE	FEMALE	UNCLASSIFIED	JUVENILE	TOTAL					
HYAENA, SPOTTED IMPALA JACKAL, BLACK-BACKED MONGOOSE, BANDED WARTHOG WILD DOG	0 19 0 0 1	0 20 0 0 1	5 30 1 11 0 2		5 69 1 11 4 2					
Total	20	21	49	2	92					

Comment: SANDY RIVER BED 100MT X 10MT - WITH SMALL PUDDLES. SPARSE MOPANE VEGETATION. HOT, WINDY AND HAZY. WILDDOG KILLED AN IMPALA. FEW ANIMALS DRANK.

Wildlife & Environment Zimbabwe - Matabeleland Branch --- Animal Count for Hwange National Park ---

Area: SINAMATELLA Team Leader: MARK MACGREGOR Date: 04-Oct-17

Water Point: TSHAKABIKA 2 Number Of Different Species Seen:: 10

SPECIES MALE FEMALE UNCLASSIFIED JUVENILE TOTAL

BABOON, CHACMA 0 0 3 0 3

ELEPHANT, AFRICAN 0 0 2 0 2

CIDAFFE

OI LOILO	IVIALL	I LIVIALL	ONOLAGOII ILD	OC V LIVILL	TOTAL
BABOON, CHACMA	0	0	3	0	3
ELEPHANT, AFRICAN	0	0	2	0	2
GIRAFFE	0	0	1	0	1
HARE, SCRUB	1	0	0	0	1
HYAENA, SPOTTED	0	0	1	0	1
IMPALA	42	149	9	3	203
JACKAL, BLACK-BACKED	0	0	1	0	1
KUDU	1	8	0	0	9
WARTHOG	0	0	8	0	8
ZEBRA, BURCHELL'S	0	5	9	1	15
Total	44	162	34	4	244

Comment: SPRINGS AND STAGNENT POOLS OF GREEN SLIME. SURROUNDING AREA DRY, LITTLE GRASS AND DRY MOPANE. CLEAR SKIES WITH EAST WIND. MOST SIGHTINGS WERE OF ANIMALS MOVING ACROSS THE LARGE OPEN AREA FROM OUR POSITION. IMPALA AND

Wildlife & Environment Zimbabwe - Matabeleland Branch
Animal Count for Hwange National Park

Area: SINAMATELLA Team Leader: SHARON MAAS Date: 04-Oct-17

Water Point: TSHOMPANI DAM Number Of Different Species Seen:: 7

SPECIES MALE FEMALE UNCLASSIFIED JUVENILE TOTAL

ELEPHANT, AFRICAN 49 59 154 65 327

HYAFNA SPOTTED 0 0 0 24 0 0 24

	JL		J		
ELEPHANT, AFRICAN	49	59	154	65	327
HYAENA, SPOTTED	0	0	24	0	24
IMPALA	4	3	0	0	7
JACKAL, BLACK-BACKED	0	0	1	0	1
KUDU	0	2	0	1	3
WARTHOG	1	1	1	4	7
WILD DOG	0	0	10	0	10
Total	54	65	190	70	379

Comment: PUMPED PAN - WATER LEVEL LOW AND MUDDY. HOT, DRY AND WINDY - GRASS BURNED FROM RECENT FIRE. KUDU CARCASS IN WATER - VULTURES (LAPPET FACED AND YB KITE FEEDING OFF CARCASS). GOOD SIHTING OF ELEPHANT TUSKLES AND 9 WILDDOG. MOST

Wildlife & Environment Zimbabwe - Matabeleland Branch Temperatures (Celsius) Recorded During The Count Period - 04-Oct-17

WATER POINT	Temp at 12:00H	Temp at 15:00H	Temp at 18:00H	Temp at 21:00H	Temp at 00:00H	Temp at 03:00H	Temp at 06:00H	Temp at 09:00H	Temp at 11:59H
BACK PAN	32.0	35.0	30.0	24.0				27.0	
BAOBAB	34.5	36.0	30.0	23.0	18.0	17.0	19.0	30.0	35.0
BIG TOMS	38.0	37.0	26.0	23.0	19.0	17.0	14.0	33.0	00.0
BUMBUMUTSA	33.6	34.7	31.4	25.8	21.0	21.0	23.8	29.2	33.6
CAMP HWANGE	34.0	37.0	33.0	25.0	21.0	18.0	23.0	29.0	35.0
CATERPILLAR CHRIS' PAN	33.0 39.0	35.0	31.0 30.0	24.0 27.0	22.0	18.0	17.0 18.0	29.0 32.0	40.0
DANGA	35.0	39.0 36.0	33.0	26.0	24.0 21.0	20.0 21.0	22.0	32.0 29.0	40.0 32.0
DETEEMA DAM	27.5	27.6	25.2	20.0	14.4	13.8	14.2	27.0	32.0
DETEEMA PICNIC SITE		37.0	34.0	26.0	20.0	18.0	22.0	26.0	34.0
DOM	32.0	07.0	01.0	20.0	20.0	10.0		20.0	01.0
DOPI	37.0	38.0	26.0	13.0	9.0	7.0	10.0	34.0	36.0
DOPI 1	37.0	38.0	26.0	13.0	9.0	7.0	10.0	34.0	36.0
DWARF GOOSE	35.0	39.0	28.0	25.0	22.0	17.0	17.0	29.0	38.0
ELEPHANTS EYE	36.0	34.0	31.0	22.0	20.0	24.0	22.0	31.0	37.0
GANDA PAN	30.0	34.0	31.0	29.0	26.0	23.0	21.0	30.0	34.0
GUVALALA	36.1	34.9	31.5	26.0	22.7	20.6	20.9	30.5	35.5
INYANTUE DAM	34.0	35.0	30.0	24.0	20.0	15.0	17.0	29.0	32.0
IVORY LODGE	34.0	36.0	32.0	28.0	24.0	22.0	21.0	30.0	34.0
JAMBILE	35.0	36.0	37.0	27.0	26.0	22.0	20.0	31.0	34.0
KASHAWE VIEWING	39.0	38.0	34.0	28.0	22.0	19.0	19.0	32.0	37.0
KENNEDY 1	34.0	36.0	32.0	26.0	24.0	21.0	29.0	20.0	247
KENNEDY 2	34.5 33.5	35.0	30.7 31.7	26.0	22.0	19.4 21.0	18.0	30.2	34.7
LITTLE MAKOLOLO LITTLE TOMS	36.0	33.5 36.0	30.0	26.2 24.0	21.5 19.0	18.0	18.6 16.0	28.7 28.0	34.1 34.0
LIVINGI	30.0	32.0	30.0	24.0	19.0	16.0	20.0	20.0	34.0
MABUYA MABENA	41.0	43.0	33.0	21.0	21.0	18.0	17.0	39.0	38.0
MADISON	35.0	37.0	34.0	27.0	21.0	19.0	19.0	31.0	35.0
MAHOHOMA SEEP 1	36.7	40.6	32.3	26.7	21.0	18.0	15.5	29.0	38.0
MAHOHOMA SEEP 2	35.0	35.5	32.6	26.5	21.9	20.0	16.0	30.0	34.8
MAKWA	32.0	34.0	30.0						
MANDAVU EAST	34.5	35.9	32.0	24.0	22.0	21.0	19.0	27.8	31.8
MANDAVU WEST	35.0	38.0	32.0	24.0	20.0	20.0	21.0	31.0	36.0
MANGA 1	36.5	35.0	33.0	22.0	19.0	15.5	17.0		
MANGA 3	36.4	36.8	32.0	28.7	23.4	20.7	19.1	29.9	35.8
MANZICHISA 1	33.0	35.0	26.0	21.0	17.0	15.0	21.0	28.0	31.0
MANZICHISA 2	33.0	34.0	29.0	24.0	20.0	17.0	19.0	27.0	32.0
MANZIMBOVU	33.5	33.5	31.5	25.0	21.5	20.0	20.0	20.0	33.0
MASHAMBO MASUMA	35.0 35.0	33.0 35.0	30.0 34.0	32.0	20.0	26.0	26.0	31.0	33.0
MASUMAMALISA	33.5	40.0	29.5	20.0	30.0 17.5	15.0	16.0	29.0	34.0
MBAZU	31.0	29.0	29.5	26.0	24.0	20.0	18.0	25.0 25.0	30.0
MBIZA	32.0	34.0	31.0	25.0	23.0	17.0	17.0	23.0	34.0
MFAGAZAAN	35.0	38.0	34.0	26.0	22.0	19.0	19.0	_5.0	5
NATURAL PAN NEAR L	36.0	41.0	31.0	27.0	20.0	18.0	22.0	30.0	34.0
NEHIMBA PAN	30.0	33.0	31.0	23.0	22.0	21.0	22.0	27.0	32.0
NGAMO PAN 1	35.0	41.0	34.0	27.0	23.0	21.0	19.0	28.0	32.0
NGWESHLA	35.0	36.7	30.6	27.2	23.9	20.6	20.0	30.6	35.6
NYAMANDHLOVU	34.0	35.0	31.0	22.0	20.0	17.0	16.0	32.0	35.0
OSTRICH	35.0	39.0	31.0	27.0	24.0	22.0	18.0	30.0	35.0
RAY'S PAN	36.0	37.0	33.0	26.0	20.0	16.0	20.0	26.0	34.0
SABLE SANDS	32.0	33.0	26.0	16.0	12.0	10.0	0.8	27.0	32.0
SAFARI LODGE	32.0	34.0	32.0	22.0	21.0	18.0	15.0	28.0	33.0
SALT PAN SAMAVUNDHLA PAN	36.0 35.0	35.0 36.0	31.0	25.0	23.0	19.0 23.0	23.0	30.0 29.0	33.0
SCOTTS PAN	33.0	36.0	31.0	25.0 25.0	20.0	23.0 15.0	20.0	29.0 30.0	35.0
SECHECHE	36.0	38.0	31.0	25.0	19.0	17.0	17.0	31.0	34.0
SHAPI	43.0	39.1	31.2	27.0	13.0	17.0	''.0	31.0	J-7.0
SHUMBA PLATFORM	27.0	33.9	31.9	27.5	23.5	22.7	24.0	29.0	33.2
SINANGA	38.0	38.0	32.0	28.0	22.0	,	22.0	24.0	33.0
SOMALISA ACACIA	33.0	33.0	29.0	23.0	18.0	15.0	16.0	29.0	33.0
SOMALISA CAMP PAN	33.0	33.0	29.0	23.0	18.0	15.0	16.0	29.0	33.0

Wildlife & Environment Zimbabwe - Matabeleland Branch Temperatures (Celsius) Recorded During The Count Period - 04-Oct-17

WATER POINT	Temp at 12:00H	Temp at 15:00H	Temp at 18:00H	Temp at 21:00H	Temp at 00:00H			Temp at 09:00H	
THE HIDE TSHAKABIKA 2 TSHOMPANI DAM UMKAWAZAAN WEXCAU WHITE HILLS	30.0 37.8 30.0 32.0 32.0 30.0	31.0 38.8 30.0 35.0 33.0 30.0	26.0 37.5 24.0 31.0 30.0 29.0	24.0 29.5 23.0 22.0 24.0	22.0 26.5 18.0 17.0 18.0	19.0 25.2 21.0 14.0 16.0 16.0	19.0 26.4 21.0 13.0 17.0 16.0	22.0 31.9 28.0 29.0 32.0 22.0	30.0 37.5 35.0 34.0 33.0 24.0
Average	34.2	35.6	30.8	24.6	20.8	18.4	18.6	29.0	34.0

	BIRDS SEEN AT HWANGE NATIONAL PARK GAME	COUNT 2017	,	
	Species	Main Camp	Sinamatella	Robins
294	AVOCET - PIED	х		X
	BABBLER – ARROWMARKED	х	х	х
563	BABBLER - SOUTHERN PIED	х	х	х
464	BARBET – BLACKCOLLARED			
473	BARBET – CRESTED	х	х	х
	BARBET - PIED			
	BATIS - CHINSPOT	Х		
	BEE-EATER – SWALLOWTAILED BEE-EATER – LITTLE	Х		
	BEE-EATER – CARMINE	х		Х
	BEE-EATER WHITE-FRONTED			
	BEE-EATER - EUROPEAN	х	х	
737	BULBUL-TROPICAL	х	х	
567	BULBUL - AFRICAN REDEYED	Х		
568	BULBUL - BLACKEYED (DARK-CAPPED BULBUL)	х	х	х
	BULBUL - TERRESTRIAL (BROWNBUL)		х	
	BUNTING - CINNAMON-BREASTED (ROCK)			
	BUNTING – GOLDENBREASTED	Х	Х	Х
	BUSTARD BLACK BELLIED	Х		X
	BUSTARD - BLACK-BELLIED BUZZARD - STEPPE			Х
	BUZZARD LIZARD	х	х	
	CANARY – BLACKTHROATED	x	x	
	CANARY- YELLOW FRONTED (YELLOWEYED)	x	х	х
593	CHAT -MOCKING			х
610	CHAT – BOULDER			
	CISTICOLA – LEVAILLANTS			
	CISTICOLA –FANTAILED (ZITTING)			х
	CORMORANT - WHITEBREASTED			х
	CORMORANT - REED COUCAL - SENEGAL	x		X
	COURSER - TEMMINCK'S	^		х
	COURSER - DOUBLEBANDED			
	CRAKE – BLACK			х
209	CRANE - CROWNED	х	х	
651	CROMBEC - LONGBILLED	х		
548	CROW – PIED	х		х
	CUCKOO – BLACK			
	CUCKOOSHRIKE – WHITEBREASTED			
	DOVE - MOURNING			Х
	DOVE - CAPE TURTLE DOVE - BLUE SPOTTED WOOD	x x	Х	х
	DOVE - BLUE SPOTTED WOOD DOVE - EMERALD SPOTTED WOOD	x	х	х
	DOVE – LAUGHING	x	x	x
	DOVE – NAMAQUA	х	х	х
352	DOVE - REDEYED	х	х	х
541	DRONGO – FORKTAILED	х	х	х
115	DUCK-COMB (KNOBBILLED)			х
	DUCK - FULVOUS		х	
	DUCK - WHITEBACKED	Х	х	
	DUCK - AFRICAN BLACK	Х		
	DUCK - WHITEFACED DIKKOP - SPOTTED (THICK-KNEE SPOTTED)			х
	DIKKOP - SPOTTED (THICK-KNEE SPOTTED) DIKKOP - WATER (THICK-KNEE WATER)	х	Х	x
	EAGLE- BLACK (VERREAUX'S)	х		<u> </u>
	EAGLE -STEPPE	x	х	х
	EAGLE - AFRICAN HAWK	х		х
138	EAGLE - AYER'S HAWK	х		
139	EAGLE - LONG-CRESTED	х		
	EAGLE - BLACKBREASTED SNAKE	х	х	х
	EAGLE-BROWN SNAKE	х		х
	EAGLE - AFRICAN CROWNED	X		
	EAGLE FISH	X	X	X
	EAGLE - MARTIAL EAGLE-TAWNY	X	X	X
	BATELEUR	X X	X X	X X
	EAGLE - LESSER SPOTTED	x		
				х
	EAGLE - WAHLBERG'S	X		
135	EGRET-CATTLE	x	х	x
135 71			x x	

68	EGRET - YELLOW-BILLED	х		
171	FALCON - PEREGRIN		х	
172	FALCON - LANNER	х	х	
806	FINCH - SCALYFEATHERED		х	
834	FINCH - MELBA			
841	FIREFINCH - JAMESON'S			
	FLAMINGO -GREATER	х		
	FLYCATCHER - SOUTHERN BLACK			х
	FLYCATCHER - FISCAL			
	FLYCATCHER - SPOTTED			
	FLYCATCHER - PARADISE			
	FRANCOLIN - SHELLEY'S	X		
		Х		
	FRANCOLIN - NATAL (NATAL SPURFOWL)		Х	Х
	FRANCOLIN - REDBILLED	Х	Х	
	FRANCOLIN - CRESTED	Х	Х	Х
	FRANCOLIN - COQUI	Х		h
199	FRANCOLIN - SWAINSON'S (SPURFOWL)			Х
102	GOOSE - EGYPTIAN	Х	Х	Х
116	GOOSE - SPURWINGED	Х		х
114	GOOSE - PIGMY			
159	GOSHAWK - LITTLE BANDED (SHIKRA)			
161	GOSHAWK -GABAR	х		
162	GOSHAWK - PALE CHANTING			х
163	GOSHAWK - DARK CHANTING	х		
160	GOSHAWK - AFRICAN			
	GREBE - LITTLE	х	х	х
	GREENSHANK		x	x
	GUINEAFOWL-CRESTED			
	GUINEAFOWL-HELMETED	х	Х	х
	GYMNOGENE		X	
	HAMERKOP	v		х
		Х	Х	^
	HAWK - CUCKOO			
	HAWK - AFRICAN HARRIER	Х		Х
	HERON - GOLIATH			Х
	HERON - SQUACCO			Х
	HERON - GREENBACKED			Х
62	HERON - GREY	Х	Х	Х
63	HERON - BLACKHEADED	Х		Х
64	HERON - GOLIATH		Х	х
451	HOOPOE - AFRICAN			х
452	HOOPOE - GREEN WOOD	х	х	х
454	HOOPOE - SCIMITARBILLED	х	х	х
459	HORNBILL - YELLOWBILLED	х	х	х
457	HORNBILL - AFRICAN GREY	х	х	х
461	HORNBILL - BRADFIELD'S	х		х
458	HORNBILL - REDBILLED	х	х	х
	HORNBILL - SOUTHERN GROUND	х	х	х
	IBIS - AFRICAN SACRED	x	x	x
	IBIS - GLOSSY			
	JACANA - AFRICAN	x		х
	KESTREL - WESTERN REDFOOTED	^		^
	KESTREL - WESTERN REDPOOTED KESTREL - ROCK	~		
	KESTREL - ROCK KESTREL - DICKINSON'S	х	,,	
			Х	
	KINGFISHER - WOODLAND			Х
	KINGFISHER - BROWNHOODED			
	KINGFISHER - GIANT			х
	KINGFISHER - STRIPED		Х	
	KINGFISHER -PIED		Х	Х
126	KITE - BLACK			
126	KITE - YELLOWBILLED	Х	Х	х
127	KITE - BLACKSHOULDERTED			х
237	KORHAAN - REDCRESTED	х		
260	LAPWING- AFRICAN WATTLED (PLOVER)	х		х
258	LAPWING - BLACKSMITH (PLOVER)	х	х	х
259	LAPWING - WHITE-CROWNED	х		
	LARK -RUFOUSNAPED	х		
	LARK - FLAPPET	х		
	LARK - FAWN COLOURED	-		
	LOURIE - GREY (GREY GO AWAY BIRD)	х	х	х
	MOORHEN - COMMON	^	^	
	MOUSEBIRD RED-FACED	,,		Х
		X		.,
758	MYNA - COMMON MARTIN - COMMON HOUSE	x x		x x

	I			
	NEDDICKY	Х		
	NIGHTJAR - PENNONTWINGED	х		
	NIGHTJAR - FIERYNECKED	h	h	h
	NIGHTJAR - FRECKLED	h	h	h
406	NIGHTJAR - RUFOUSCHEEKED	h	h	h
	NIGHTJAR MOZAMBIQUE (SQUARE-TAILED)	h	h	h
	ORIOLE - BLACKHEADED	х	Х	Х
1	OSTRICH	х		Х
	OWL-AFRICAN SCOPS	h	h	h
397	OWL -WHITE-FACED SCOPS			h
402	OWL - GIANT EAGLE (VERREAUX'S EAGLE OWL)	х		Х
392	OWL - BARN	х	х	Х
395	OWL - MARSH			h
399	OWL - AFRICAN BARRED	h	h	h
398	OWL PEARLSPOT (PEARLSPOTTED OWLLET)	h	h	h
401	OWL - SPOTTED EAGLE	х		х
772	OXPECKER - REDBILLRD	х	х	х
771	OXPECKER - YELLOWBILLE D	х	х	
363	PARROT - BROWN-HEADED	х		
364	PARROT - MEYER'S	х	х	х
49	PELICAN - GREAT WHITE	х		
362	PIGEON - BROWNNECKED			
716	PIPIT - RICHARD'S			х
719	PIPIT - BUFFY			
	PIPIT - TREE			
	PLOVER CROWNED (CROWNED LAPWING)	х	х	х
	PLOVER - KITTLITS	x	x	x
	PLOVER - CHESTNUT-BANDED		x	
	PLOVER - LESSER BLACKWINGED			
	PLOVER - THREEBANDED		х	х
	PRINIA - TAWNYFLANKED			x
	PYTILIA - GREEN-WINGED	х		^
	PRATINCOLE - COLLARED	x		
	PRATINCOLE - BLACK-WINGED	^		x
	QUAIL - COMMON	.,		^
		Х		
	QUAIL - HARLEQUIN			X
	QUELEA - REDBILLED	X	X	Х
	ROBIN - WHITE-BROWED SCRUB	Х	Х	
	ROBIN - KALAHARI			
-	ROBIN - HEUGLIN'S			
	RUFF		Х	Х
	ROLLER - RACKETTAILED	Х		
+	ROLLER - LILACBREASTED	Х	Х	Х
	ROLLER - PURPLE	Х		
450	ROLLLER - BROAD-BILLED	х		
	WHITENECKED RAVEN			
344	SANDGROUSE- NAMAQUA	Х		
347	SANDGROUSE - DOUBLEBANDED	х	х	Х
345	SANDGROUSE - BURCHELL'S	х		х
346	SANDGROUSE - YELLOWTHROATED		х	х
264	SANDPIPER - COMMON	х	х	Х
272	SANDPIPER - CURLEW			
269	SANDPIPER - MARSH			х
266	SANDPIPER - WOOD	х		х
118	SECRETARY BIRD	х	х	х
732	SHRIKE - COMMON FISCAL			х
739	SHRIKE - CRIMSONBREASTED	х	х	х
735	SHRIKE - LONGTAILED (MAGPIE)	х		х
737	SHRIKE - TROPICAL BOUBOU			х
740	SHRIKE - PUFFBACK	х	х	х
748	SHRIKE - ORANGE BREASTED BUSH			
751	SHRIKE -GREY HEADED- BUSH			х
756	SHRIKE - WHITECROWNED	х		
753	SHRIKE - WHITE HELMET		х	
343	SKIMMER - AFRICAN		х	
242	SNIPE - GREATER PAINTED	х		х
	SPARROW-GREYHEADED	х	х	х
	SPARROWHAWK - OVAMBO	х		
	SPARROWHAWK - BLACK	х		
	SPARROWHAWK - LITTLE	х	х	
	SPARROW-WEAVER - WHITEBROWED	x	x	х
	SPARROW - HOUSE			x
	SPOONBILL - AFRICAN	Х	х	x
	•			

		ı		
764	STARLING - CAPE GLOSSY	х	Х	Х
769	STARLING - RED-WINGED		Х	Х
763	STARLING - LONGTAILED (MEVE'S)	х	х	х
761	STARLING - PLUMCOLCURED (VIOLET-BACKED)	х		х
765	STARLING - GREATED BLUE-EARED	х	х	х
274	STINT - LITTLE			х
295	STILT - BLACKWINGED	х	х	х
89	STORK - MARABOU	х	х	х
88	STORK - SADDLEBILLED	Х	х	х
83	STORK - WHITE	х		
84	STORK - BLACK	х		
85	STORK - ABDIMS			х
89	STORK - YELLOWBILLED	Х	х	х
87	STORK - OPENBILLED			
86	STORK - WOOLLYNECKED			
791	SUNBIRD - SCARLET-CHESTED		х	х
	SUNBIRD - WHITEBELLIED			х
	SUNBIRD - MARICO		х	
	SWALLOW - REDBREASTED	х	х	х
	SWALLOW - MOSQUE			
	SWIFT - COMMON	х		
	SWIFT - LITTLE			х
	SWIFT - PALM		v	x
	SWIFT - MOTTLED SPINETAIL	Х	X X	^
	SWALLOW - BARN		x	
	SWALLOW - BLUE		^	
	SWALLOW PERP PEACLED			
	SWALLOW - REDB-REASTED		Х	
	SWALLOW - GREATER STRIPED			Х
	SWALLOW - LESSER STRIPED	Х	Х	
	TCHAGRA -THREESTREAKED			
	TCHAGRA - BLACKCROWNED	Х		Х
	TEAL - HOTTENTOT			Х
	TEAL-REDBILLED	Х		Х
576	THRUSH - KURRICHANE	Х		
554	TIT - SOUTHERN BLACK		Х	
338	TURN - WHISKERED	х		Х
122	VULTURE - CAPE	х		
	VULTURE-HOODED	х		Х
124	VULTURE - LAPPETFACED	х	х	х
123	VULTURE-WHITEBACKED	х	Х	Х
125	VULTURE - WHITEHEADED	х	х	х
711	WAGTAIL - AFRICAN PIED		х	х
657	WARBLER - BLEATING			
625	WARBLER - ICTERINE			
634	WARBLER- SEDGE			
846	WAXBILL - COMMON			х
847	WAXBILL-BLACK-CHEEKED			
844	WAXBILL - BLUE	х	х	х
845	WAXBILL-VIOLETEARED	х		х
814	WEAVER - MASKED			х
798	WEAVER - REDBILLED BUFFALO	х	х	х
819	WEAVER - REDHEADED			
816	WEAVER - GOLDEN			
	WEAVER - VILLAGE (SPOTTEDBACKED)			
	WHEATEAR - CAPPED	х		х
	WIDOWFINCH - PURPLE			
	WIDOW WHITEWINGED			
	WOODHOOPOE SCIMITARBILLED			
	WOODHOOPOE - GREEN (REDBILLED)			
	WOODPECKER - GOLDEN-TAILED		х	Х
	WOODPECKER - GOLDEN-TAILED WOODPECKER - BEARDED			^
	WOODPECKER - BEARDED WOODPECKER - CARDINAL			
	WOODPECKER - BENNETS			
	WHYDAH - SHAFTTAILED			
863	WHYDAH - BROAD-TAILED PARADISE	X 400	4/-	4
L	TOTAL SPECIES ALL AREA 228	160	113	156

COMMENTS – BIRDS SEEN 2017 HWANGE GAME COUNT

1 OSTRICHES

At Masumamalisa Pan (Somalisa) at 120h30 one male, one female were seen slowly walking while feeding with 15 chicks, the chicks staying very close to the male who become very protective when a Yellow-billed Kite flew close by. At Ngweshla one male one female and 16 young were seen at midday.

126 YELLOW BILLED KITES

They were very active at Madison Pan, 26 were seen chasing flying and stealing from each other. At Ganda Lodge 10 were seen being dive bombed by Blacksmith Lapwings. At Ngweshla over the 24 hr period over 50 were sighted. In the Sikumi Forest area, the wind was very strong along the Vlei and the YBK's seemed to be enjoying the thermals when not resting in a dead tree. At Guvalala about 20 were seen around the pan most of the day. One landed near what appeared to be a nest and was dive bombed by a Blacksmith Lapwing and was then seen eating something, perhaps the Lapwings eggs? The Blacksmiths were very upset and kept chasing and dive bombing the Kites during the day. At Bumbumutsa Pan YBK's were seen hunting and eating mice, and flying between elephants, very skillfully! Yellow-billed Kites were seen at most pans during the 24 hours.

772 RED-BILLED OXPECKERS

At Madison Pan 8 were seen on Roan and Sable and Zebra. At Manga 3, 5 were seen on Warthogs and 4 Roan. 7 flew in to Guvalala, drank and flew off. Soon after that 7 came in riding on 4 Kudu cows. They were also seen at many other pans.

230 KORI BUSTARD

Six were seen at Madison Pan and remained in the area during the night. At Little Makalolo one adult drank at 18h00 and at Ngweshla a Kori Bustard was seen during the night and early in the morning. At Dom Pan one was seen feeding at 10h55 and 12h00.

121 HOODED VULTURES

Seen drinking at 11h38 at Madison Pan, At Ganda Lodge 3 flew in for a quick drink and flew out. At Mahohoma Seep 2 seven adults and 4 sub adults circled down to drink quiet and no fighting. They were there for about 10 minutes at 12hoo, At Dom Pan at 10h55 three Hooded Vultures drank. At Guvualala 3 were seen flying between the pan and a kill, (the kill was too far away to make out what it was) this went on all day, and in the evening were joined by Spotted hyenas!

125 WHITEHEADED VULTURES

At Ganda Lodge at 14hoo one came to the pan had a drink and left 45minutes later, after a dust bath. At Guvalala one was seen drinking at the pan, and flying between the kill and the pan several times.

123 WHITEBACKED VULTURES

Fifteen were seen at Ostrich Pan coming to drink after feeding on a kill. At Guvalala 60 plus were seen flying from a kill, just out of sight, to drink, bathe and just sit in the pan. Some stood on the shore line, wings out stretched, trying to keep their balance in the strong wind! They were at the pan or kill most of the 24 hours. Two were also seen at Manga 3 standing in the water and drinking.

124 LAPPET FACED VULTURES

At Ostrich Pan one was seen coming to drink after feeding on a kill. At Guvalala 3 were seen during the day sitting on an ant hill, near a kill, which was too far away to see, they come to drink at the pan.

125 WHITE-HEADED VULTURES

Were seen at Guvalala with all the other vultures there. There was a kill, which could not be seen as it was hidden by a large ant hill on which vultures perched. It must have been a very large carcass as the vultures were feeding all day and during the night were joined by 15 Spotted hyena!

146 BATELEUR

Were seen at Dwarf Goose drinking at 14h00, and at some of the other camps, but no one reported on what they were up to, so presume they were seen flying over the pan

463 SOUTHERN GROUND HORNBILLS

2 were seen walking round Sinanga Pan feeding and drinking. At 10h15 two were observed feeding and drinking at Tshebe Tshebe. Five (3males 1 female and 1 juvenile) were seen at Nehimba Lodge.

140 MARTIAL EAGLES

2 adults and 1 juvenile stood in Mbazu Pan and drank at 12h25 and 13h12

88 SADDLEBILLED STORKS

Seen hunting on the shoreline at Mandavu Dam. They were also seen at other pans foraging and drinking.

118 SECRETARY BIRDS

Two seen drinking at Manga 3 and they were chased off by the elephants! They were also seen drinking at midday. They were also seen at other pans.

108 RED-BILLED TEAL

About 34 resident at Guvalala and seen dabbling during the day and at night resting on a sandy bank close to the pan.

461 BRADFIELDS HORNBILLS

Five resident at Guvalala, every time they heard a chip packet rustling they came on to the platform begging.

258 BLACKSMITH LAPWINGS

About 35 residents at Guvalala some kept busy during the day chasing and dive bombing Yellow Billed Kites. At night rested on the shore line.

White Backed Vultures – interesting observation.

At Kennedy 2 Pan: observed by Bertie Cremer.

"At sunrise there were 35 White-backed Vultures at the pan. From then onwards more arrived from different directions. At 0715 we counted 65. They started leaving in small groups from 0815H in different directions. 6 vultures remained until much later. An interesting observation is that one of the Black-backed Jackals went from vulture to vulture sniffing their faces. The vultures seemed unperturbed by this! This behavior was repeated a few times."