



Gondwana Kalahari Park Annual Game Count 2015



Objectives Of Count

Objective	Reasons why information is needed
1. Estimate the Numbers of game How many?	<ul style="list-style-type: none"> estimating biomass to manage the veld conditions and inter-specific competition setting reasonable off-take quotas determining the value of the Park's wildlife providing information to visitors.
2. Produce wildlife Distribution maps Where are they?	<ul style="list-style-type: none"> land-use planning and zonation; monitoring veld condition in areas of high game concentrations; tracking distribution changes in response to rainfall or human factors such as water distribution, removal of fences etc.
3. Monitor Population Changes Is wildlife increasing or decreasing?	<ul style="list-style-type: none"> monitoring changes per species; To assist management to achieve its objectives for wildlife management, biodiversity conservation and the protection of rare /vulnerable species.

Route & Species Parameters

Route Parameters	ROUTES					Totals
	1	2	3	4	5	
Route Length (km)	16	17.5	20.3	29.1	13.1	96
Correction Factor	1.0	1.5	1.5	1.3	1.3	

SPECIES	SPECIES CORRECTION FACTORS
Gemsbok	1.3
Springbok	1.6
Kudu	1.4
Red Hartebeest	1.3
Steenbok	10.0
Ostrich	1.2
Zebra	1
Wildebeest	1.3
Duiker	10.0
Eland	1

Changes In Population Numbers 2005-2015

	2005	2007	2008	2009	2011	2012	2013	2014	2015
Gemsbok	88	257	283	214	1024	560	756	458	217
Springbok	1558	2008	1917	1905	4760	4546	2877	2935	1504
Kudu	13	21	4	16	87	63	29	49	29
Red Hartebeest	36	96	132	125	217	258	185	146	251
Steenbok	199	226	377	307	506	572	381	155	110
Ostrich	61	127	149	68	185	406	263	253	202
Wildebeest		40	41	44	102	126	151	212	223
Duiker		13			15	13	15		
Eland (known)				16	36	45	70	70	80
Zebra (known)		23	30	40	62	48	75	75	80
Giraffe (known)					7	7	7	7	10
Total	1955	2799	2933	2718	6379	6644	4808	4352	2706

Total Estimated Grazing Wildlife Biomass

Year:	2005	2007	2008	2009	2011	2012	2013	2014	2015	TARGET RANGE
Biomass (kg/ha):	6.92	13.81	15.10	12.45	37.74	32.5	30.05	25.8	19.6	7 – 30 kg/ha

Notes:

Current grazing biomass is within the target range and well positioned to allow us to respond to whatever climatic events we might be faced with in the next few years. The intensive off-take programme that has been in place since September 2011 to bring the grazing biomass down has been very effective.

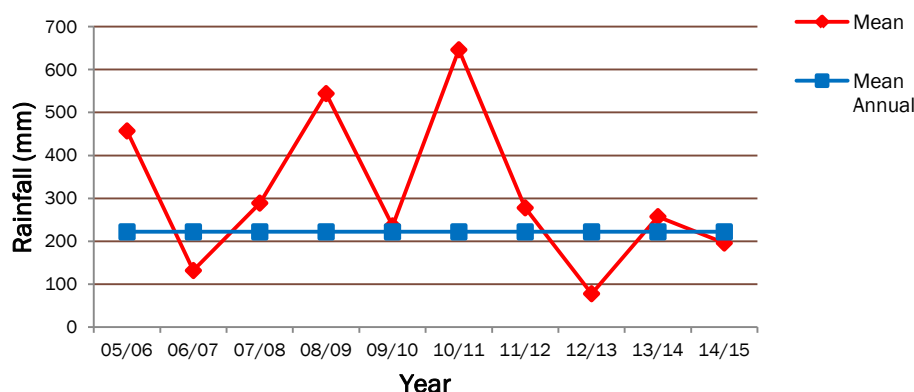
Off-take of animals at GKP 2014-2015

Species	Trophy animals	Other Off-takes	Total Off-takes
Springbok	4	1440	1444
Gemsbok	1	541	542
Red Hartebeest	0	40	40
Wildebeest	0	23	23
Ostrich	0	1	1
Zebra	0	0	0
Eland	1	1	2
Kudu	0	1	1

Notes:

Only Zebra bachelor herds to be harvested from in the future
Possible new introduction of Blue Wildebeest for Genetic variability
If there is a good rainy season next year, possibly introduce a few more Gemsbok to utilize coarse grass following good rains and enhance the tourism product

Anib Park Rainfall 2005-2015



Thank You to everyone who participated!!!

