

MONTHLY REPORT: **JULY 2016**

Summary:

Activity	Hours Flown	Miles Covered
Aerial Reconnaissance	48 (397 hrs for year to date) Average 75 mph of low level flight	3,591 (29,816 miles for year to date) Flights carried out jointly with KWS staff
	No. Observed	
Large "Tuskers"	14 Tuskers - 11 bulls (5 Super Tuskers & 6 emerging Tuskers) & 3 cows	
	No. Recovered	
Ivory recovered	2 tusks (25 for year to date)	
Elephant carcasses	Fresh	Recent
	3 (2 truck hit, 1 Poached)	3 (1 poached, 2 unconfirmed)
Poachers camps & hides/blinds/platforms	Nil	Nil
Carcasses/hours flown	1 every 8 hours of flight	
Arrests	15 - Made by KWS with operational backup from TT – (livestock) in conjunction with Kamungi Scouts/KWS – (livestock)	
Snares/traps recovered	101 (by Tsavo Trust/Kamungi Scouts)	
Response/support to KWS - armed incidents	Nil (2 for year to date)	
Other Illegal activities	42 cattle bomas (32,000 plus cows & 50+ people seen)	
General important/relevant notes	• 2/7/16 – Over 100 burning or freshly burnt trees counted from the air along Tsavo River. Culprit re arrested and convicted for 4 years for arson in PA • 22nd to 28th – Tsavo Trust & ZSL support to KWS livestock drive, TWNP; with 11 hours flying, Kamungi mobile team, fuel & ration supplies • Aerial support pertaining to rhino security in TW & TE • Continued partnership with KWS & ZSL re rhino programs in TCA • Continued predator and endangered species sighting reports to KWS, TCA	



This photo shows the iconic Tusker coded as KA1, taken on 5th July 2016.

To say he is an impressive bull is an understatement by some distance.

Only a very few Tuskers like KA1 remain on the planet today, but here in Tsavo we can boast the lions share of them.

Big Tusker Project - aerial and ground teams (Tembo 2):

The Tsavo Trust's Big Tusker Project (BTP) recorded the following details in the BTP database:

- Total of 14 different individual Tusker's were observed from ground and air coverage
 - 5 bull Super Tuskers – 27 different sightings
 - 6 emerging Tuskers – 10 sightings
 - 3 iconic cow Tuskers – 4 sightings
 - **Total sightings - 41**
- ***Rhino security:*** Ongoing partnership between KWS, Zoological Society of London (ZSL) and Tsavo Trust regarding rhino areas within the TCA. 4 specific rhino recce flights took place covering parts of TWNP NRS, TW IPZ and TENP IPZ.

Table shows "Tusker" code, number of times observed during month and brief remarks.

Tusker Code, number of times observed during month and brief remarks.		
Tusker Code Name	No. Times Seen During Month	Remarks
BULLS		
LU1	5	Crosses SGR regularly. Frequents an unsafe area!
SA2	10	Moved back to normal location
KA1	3	Moved back to normal dry season location
KA2	1	Back to his regular dry season location
DI1	8	Normal area and a real creature of habit
BU1	1	Roams far and wide
MA1	1	Moved big distances but back to normal location
SA80	4	Back to normal area
AR1	2	Seen again in original location found
KI1	1	Has moved big distances
MZ1	1	Not seen for many months and in new location
COWS		
F_XT	1	Back to her normal location
F_MU1	1	Back to her normal area
F_DI1	2	Has moved big distances
TOTAL	11 bulls, 3 cows: 41 different sightings	
Close working relationship between KWS and Tsavo Trust (aerial and ground units combined) is without doubt adding to elephant security and safety of the big Tuskers and other elephants within the TCA through meaningful collaboration alongside KWS Security and Research & Monitoring Departments.		

The unusual photo below shows 2 of the remaining iconic Tuskers coded as KA1 and KA2 together in a herd of 15 bulls, TWNP, 5th July 2016. To find 2 iconic bull Tuskers together in this modern day and age is truly a rare but very rewarding sight.



Areas Covered: Table below shows the main areas covered within the TCA for this month:

TSAVO EAST NP	TSAVO WEST NP	RANCHES & DISPERSAL AREAS
Northern Area – Yatta Plateau, Durusikale, Garasamuke, Emusaya, Golf Charlie, Koitu, Sobo, Sangayaya, Dabaduke, Mufupa ya Ndovu Southern Area – Voi, Ndololo, Kanderi, Wagalla, Ndara Plains, Buchuma, Maungu, Murondo, Dakota, Voi River, Dika Plains, Satao, power lines, Aruba, Mukuaju, Dika, Konu Moja, Dida Harea, Balguda, Sala, Lali, Sobo, TENP boundary, Koitu, Galana River Central Area – TE R/S, IPZ, Manyani east, Punda Milia, Hatulo Bisani, Lugards, Mbololo lugga, Balguda, Irima, Mudanda, Maka Hill, Man-eaters, Triangle, Mtito Lugga, Zero Delta, Voi north & east, Galana River, Tsavo River and Yatta Central, SGR	Northern Sector – IPZ, Mangalet, Kamboyo, Kisimeka, Chyulu south, Mtito lugga, Mungai Hill, Finch Hattons, Mzima Springs, Shetani volcano, Severin, Kilaguni, Ndawe, Tsavo River Southern Sector – Kishushe, Lake Jipe, Toloa, TZ/TWNP boundary, Murka, Ziواني Central Sector – IPZ, Rhino Valley, NRS, Tsavo River, Kinyek, Maji ya Chumvi (north & south), Ziواني, Lesoito, Kyulu, Manda, Mombasa Highway, Man Easters, Kenani, Kanga, Manyani north and west, SGR line	TENP border – Ngiluni/Kamunyu, Kilalinda, Kulalu & Galana Ranch, Dere, Murondo, Magram/Dakota Ranch, Ngutuni TWNP border – Rombo Chyulu Hills NP – Il Talal, Mukururo, east CHNP Taita Ranches – Taita, Rukinga
- The locations mentioned above is only an indicator of flight paths taken, many other areas in between are also covered and in so doing providing “eyes in the skies” over Tsavo and directional guidance to ground units. - All flight paths are logged and recorded with all relevant real time observations relayed to KWS on a daily basis for their records as well as necessary rapid reaction.		

Map below shows flight paths for July 2016 where 48 hours were flown in support to KWS for anti-poaching and wildlife monitoring across 3,591 miles over the Tsavo’s.



Kamungi Conservancy:

Kamungi Scouts – A busy and successful month with 101 snares recovered having been set for small and medium game and 15 arrests (all with KWS in TWNP). Various community meetings took place to sensitize community members regarding the updated Wildlife and Management Act (2013) in cooperation with the KWS TWNP Community Warden.

Between 22nd and 28th July 2016 the Kamungi Scouts assisted in the illegal livestock drive in TWNP resulting in 14 arrests. Further anti-poaching activities took place in and around Kamungi Conservancy that borders the northern boundary of TENP in the areas between Mtito Andei and Athi River.



***24th July,
Kamungi
team with
KWS team
and arrested
illegal
herders
inside TWNP.***

Between 22nd and 28th July 2016, a joint KWS led illegal livestock drive took place in TWNP along with other conservation stakeholders. Tsavo Trust and ZSL assisted with an aircraft, 1 mobile ground unit, Kamungi Scouts, vehicle fuel and ranger rations.



Endangered species/Predator Monitoring – support to KWS/TCA Research Departments

Predators Observed from the air and Tembo 2 ground unit:

Date	Lion	Leopard	Cheetah	Wild Dog	Serval	Others/Remarks
2/7/16	16	-	-	-	-	TENP
3/7/16	3 (3F)	-	-	-	-	TENP
5/7/16	11	-	-	-	-	TENP
6/7/16	8	-	-	-	-	TENP
9/7/16	-	-	4	-	-	TENP
10/7/16	-	1	-	-	-	TWNP
11/7/16	5 (1M, 4F)	-	-	-	-	TENP
15/7/16	-	-	4	-	-	TENP
19/7/16	6	-	-	-	-	TENP
20/7/16	-	-	-	11	-	TWNP
22/7/16	6 + 2	-	-	-	-	TENP
23/7/16	-	1 + 1	-	-	-	TENP
25/7/16	2 (1M, 1F)	-	-	-	-	KMC Ranch
29/7/16	-	-	3	-	-	TENP
Totals	31	1	6	Nil	Nil	

Critically Endangered Species Observed from air and Tembo 2 (not incl. rhino or wild dog):

Tsavo Trust's *Tembo 2 team* operates in partnership with TENP Research and Monitoring unit and covers predator and endangered species monitoring as well as Big Tusker Monitoring. In recent months they have increased their endangered species monitoring especially with concern to Grevy's zebra whereby information gathered from the field on rear right side strip patterns feed into the Grevy's zebra database for individual ID purposes. To date at least 25 individuals have been ID'd as a result and still counting.

Date	Hiroa	Grevy's Zebra	Others/Remarks
4/7/16	15	9	TENP, KMC Bachuma
9/7/16	9	-	TENP, Satao
12/7/16	2	-	TENP, Satao
13/7/16	-	3	TENP, KMC Bachuma
14/7/16	1	-	TENP, Satao
15/7/16	1	-	TENP, Aruba
16/7/16	19	-	TENP, Satao
18/7/16	-	4	TENP, KMC Bachuma
22/7/16	-	1	TENP, Bachuma
Totals sightings	45	17	



4th July 2016:

2 Grevy's zebra photographed in TENP by Joseph Kimaile who heads the Tembo 2 monitoring team.

Unusual Photo of the Month:



This photo shows the unusual observation of a dominant male baboon having just killed a young Dikdik and devouring it at the Tsavo Trust HQ water hole on 5th July 2016.

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