

Summary:

Activity	Hours Flown	Miles Covered
<i>Aerial Reconnaissance</i>	66 (463 hrs for year to date) Average 76 mph of low level flight	5,309 (35,125 miles for year to date) Flights carried out jointly with KWS staff
No. Observed		
<i>Large "Tuskers"</i>	22 Tuskers - 17 bulls (7 Super Tuskers & 10 emerging Tuskers) & 5 cows	
No. Recovered		
<i>Ivory recovered</i>	10 tusks (35 for year to date)	
<i>Elephant carcasses</i>	Fresh	Recent
	3 (1 truck hit, 2 natural)	4 (3 natural, 1 unconfirmed)
<i>Poachers camps & hides/blinds/platforms</i>	Nil	Nil
<i>Carcasses/hours flown</i>	1 every 9.4 hours of flight	
<i>Arrests</i>	7 - Made by KWS & Kamungi Scouts – (3 poachers, 3 hard wood, 1 charcoaler)	
<i>Snares/traps recovered</i>	149 (by Tsavo Trust/Kamungi Scouts – 757 for the year)	
<i>Response/support to KWS - armed incidents</i>	Nil (2 for year to date)	
<i>Other Illegal activities</i>	5 cattle bomas (31,000 plus cows & 35+ people seen)	
<i>General important/relevant notes</i>	<ul style="list-style-type: none"> • Tusker KA2 (mono tusker) passed away, possibly natural cause from old age, found 9/8/16, TWNP. Single tusk weighed 45kg (99lbs) • Kamungi Scouts carried out joint anti-poaching ops with KWS in TWNP and CHNP between 10th and 26th August 16 with several arrests made • 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 	

5 black rhino photographed at night during the KWS led night census in Tsavo on 19th August 2016. 34 different individuals were identified on this night alone. ZSL (to a large extent) along with Tsavo Trust as a partner play a significant support role to KWS and Tsavo's rhino conservation activities.



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 22 different individual Tusker's were observed from ground and air coverage
 - 7 bull Super Tuskers – 35 different sightings
 - 10 emerging Tuskers – 18 sightings
 - 5 iconic cow Tuskers – 5 sightings
 - **Total sightings – 58**
 - **Loss of Tusker KA2** – found dead by DSWT aircraft on 9/8/16 in TWNP. His mono tusk was recovered by KWS and weighed 45kg. Cause of death is not confirmed but believed to be natural from old age.
 - Tembo 2 ground team has been on leave for most of August 2016, but sightings from the air have been good in their absence.
- **Rhino security:** Ongoing partnership between KWS, Zoological Society of London (ZSL) and Tsavo Trust regarding rhino areas within the TCA. 5 specific rhino recce flights took place covering parts of TWNP NRS, TW IPZ and TENP IPZ.



This is the last known photo of KA2 alive, taken on 1st July 2016 in TWNP.

He was a well-known left mono Tusker that frequented TW HQ area. He was also known to cross the SGR and Mombasa road into the Tsavo Triangle.



Photo taken on 10th August 2016 of KA2's fresh carcass.

His single tusk was recovered by KWS and weighed 45kg.

Cause of death is not 100% confirmed due to decomposition of the carcass but believed to have died from natural death.

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

Tusker Code	No. Times Seen / Month	Remarks
BULLS		
LU1	5	Crosses SGR regularly. Frequents an unsafe area!
SA2	13	Moved back to normal location
KA1	3	Moved back to normal dry season location
KA2	1	Deceased – found 9/8/16, TWNP, mono tusk recovered (45kg), believed natural death
DI1	10	Normal area and a real creature of habit
BA1	1	Moving large distances to water
WS1	2	In dangerous location outside park
BU1	2	Roams far and wide
MA1	1	Moved big distances but back to normal location
SA80	1	Back to normal area
AR1	5	Seen again in original location found
KI1	4	Back to normal location
LA1	1	Not seen for many months and in new location
SL1	1	Moves long distances to water
KU1	1	Back to original location
KM2	1	Normal area
KO1	1	Moves long distances to water
COWS		
F XT	1	Back to her normal location
F MU1	1	Back to her normal area
F VPL	1	Has moved big distances
F SO1	1	Has moved big distances
F SA1	1	New cow Tusker
TOTAL	17 bulls, 5 cows: 58 different sightings	
<i>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.</i>		



Photo shows a newly identified cow Tusker with a long left tusk that reaches the ground (right tusk broken off) and recorded in the TT database as F_SA1 on 29th August 2016.

She is very old despite having a young calf at foot.

There are 7 iconic cow Tuskers with very long tusks now recorded and identified by Tsavo Trust.

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

TSAVO EAST NP	TSAVO WEST NP	RANCHES & DISPERSAL AREAS
<p>Northern Area – Yatta Plateau, Durusikale, Garasamuke, Emusaya, Golf Charlie, Koitu, Sobo, Sangayaya, Dabaduke, Mufupa ya Ndovu</p> <p>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</p> <p>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</p>	<p>Northern Sector – IPZ, Mangaleta, Kamboyo, Kisimeka, Chyulu south, Mtito lugga, Mungai Hill, Finch Hattons, Mzima Springs, Shetani volcano, Severin, Kilaguni, Ndawe, Tsavo River</p> <p>Southern Sector – NIL</p> <p>Central Sector – IPZ, Rhino Valley, NRS, Tsavo River, Kinyek, Maji ya Chumvi (north & south), Ziwani, Lesoito, Kyulu, Manda, Mombasa Highway, Man Easters, Kenani, Kanga, Manyani north and west, SGR line</p>	<p>TENP border – Ngiluni/Kamunyu, Kilalinda, Kulalu, Derea, Murondo, Magram/Dakota Ranch, Ngutuni</p> <p>TWNP border – Rombo</p> <p>Chyulu Hills NP – Il Talal,</p> <p>Taita Ranches – NIL</p>
<ul style="list-style-type: none"> • 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 August 2016 where 66 hours were flown in support to KWS for anti-poaching and wildlife monitoring across 5,309 miles over the Tsavo’s.



Kamungi Conservancy:

Kamungi Scouts – Another very busy and successful month with 149 snares recovered having been set for small and medium game and 7 arrests (3 bush meat poachers, 3 illegal wood cutters and 1 charcoaler). Notable activities:

- 13/8/16 – John Nganga - poacher arrested in TWNP with 21 freshly poached dikdiks having been killed in just 4 hours between 11pm and 3am before he was arrested and booked OB No. 13/15/8/2016.
- ***CHNP joint KWS/Big Life/Tsavo Trust ops:*** Between 22nd and 26th August 2016, joint anti-poaching operations took place in Chyulu Hills Nat. Park (CHNP) between KWS, Big Life and Tsavo Trust/Kamungi rangers, with special emphasis on rhino areas.



***13th August 2016,
TWNP,
KWS/Kamungi Scouts
arrested this bush
meat poacher with 21
freshly poached
dikdiks.***

***He was using the
lethal “lamping”
method with loud
horn and powerful
torches to dazzle and
kill these dikdiks.***

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
1/8/16	-	1 (F)	-	-	-		TWNP
2/8/16	3 (3F), 2 (2F)	-	-	-	-		TENP
3/8/16	2 (F)	-	-	-	-		TENP
4/8/16	2 (F), 2 (F)	-	-	-	-	2 Bat E. Fox	TENP
6/8/16	1 (M)	-	-	-	-		TENP
8/8/16	8 + 3	-	-	-	-	-	TENP
9/8/16	6	-	-	-	-	-	TENP
11/8/16	1 (M), 2 (F)	-	-	-	1 Melanistic		TENP
13/8/16	2 (F)						
14/8/16	3	1 (F)	-	-	-		TENP
15/8/16	4	-	-	-	-	1 Honey badger	
17/8/16	8 (2M, 2F, 4 cubs)	-	-	-	-		TENP
26/8/16	-	-	-	16	-	1 Honey badger	TWNP
29/8/16	-	-	4 (F + 3 cubs)	-	-		TENP
Totals	48	2	4	16	1	4	

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 33 individuals have been ID'd as a result and still counting. Tsavo also holds approximately 70 critically endangered Hirola out of an approximate world population thought to be only around 500 individuals.

Date	Hirola	Grevy's Zebra	Others/Remarks
4/8/16	13	-	TENP
6/8/16	1 + 17	1	TENP, Mukuaju, KMC Ranch
11/8/16	5	-	TENP, Satao
29/8/16	4	-	TENP, Mukuaju
Totals sightings	40	1	

Unusual Photo of the Month:

Close up "eye view" photo of a descendent of the Man Eaters of Tsavo. This Tsavo lion, taken in TENP on 15th August 2016 had brought down an adult buffalo along with his brother to feast on.



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