

MONTHLY REPORT:

JUNE 2018

SUMMARY - AERIAL & GROUND ACTIVITIES (“Big Tusker Project”):

Activity	Hours Flown	Kilometers Covered
Aerial Reconnaissance	61 (435 for year) Average 118km p/h of low level flight	7,264 (51,487km for year) Flights carried out jointly with KWS staff
	Field Patrol Days	Kilometers Covered
Ground Activities (Joint KWS / TT)	Protection teams: 60 days (362 for year) Monitoring teams: 34 days (226 for year)	Protection teams: 5,028 km (36,871 for year) Monitoring teams: 4,894 km (31,870 for year)
	No. Observed	
Big “Tuskers”	7 Tuskers - 7 bulls (4 Super Tuskers & 3 emerging Tuskers)	
	No. Recovered	
Ivory recovered	8 elephant tusks (71 for year to date) – (largest tusk 38kg / 84lbs)	
Elephant carcasses	Fresh (less than 3 weeks old)	Recent (less than 3 months old)
	1 (1 natural)	3 (3 natural)
Ele. Carcasses/hrs flown	1 every 15 hours of flight	
Poacher camps/hides	Fresh - Nil	Recent - Nil
Arrests	Nil – by KWS / TT – (11 to date)	
Snares/traps recovered	216 (by Tembo Teams – 555 for year to date)	
Response/support to KWS - armed incidents	Nil	
Other Illegal activities	13 cattle bomas (7,000 + cows, 1,000 shoats, 18 people)	
Written reports to KWS	48 (daily email reports, various communications & 1 monthly report)	
General & significant notes	7/6/18: 15 Tsavo Trust scouts pass out from 3-month training at KWS – LEA - Manyani 27/6/18: Official hand over of totally re-built KWS L/Cruiser KAT 361X – Dakota Base - Aerial & ground support to Rhino Program in TWNP & TENP, ongoing through partnership with KWS / ZSL. 8 rhino specific recce flights carried out with KWS	

Photo shows 2 of 15 Tsavo Trust Scouts that passed the 3-month Community Ranger Training Course at KWS Law Enforcement Academy – Manyani. Here Johnson Parkusaa (best all-round Scout) and Simon Koti (best in drill and turnout) with their awards on 7th June 2018 at the Pass Out Ceremony. Generous funding support from USAID / DOI enabled 15 Scouts to receive this first-class training by KWS.



Photo below shows part of the 66 Community Scouts that attended the training course between February and June 2018, here during the Pass Out Parade on 7th June 2018 at KWS Law Enforcement Academy - Manyani.



WILDLIFE CONSERVATION PROGRAM:

“Big Tusker Project”- aerial and ground mobile teams:

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

- Total of 7 different individual Tusker’s were observed from ground and air coverage.
- 4 bull Super Tuskers – 13 different sightings.
- 3 Emerging bull Tuskers – 5 sightings.
- **Total sightings – 18.** Sightings were low this month due to off days of the 2 mobile monitoring teams.
- **Weather conditions:** TT HQ rainfall: **3mm**. Total rainfall at Tsavo Trust HQ to date: 427mm – more than double for the whole of 2017!
- **Elephant mortality: 4 carcasses located (1 fresh, 3 recent):** C of D - 4 natural deaths.
- **Rhino security:** Regular aerial recces in support of KWS over TWNP rhino areas in partnership with ZSL. 8 rhino specific air recces resulted in 2,727km flown over 23.5 hrs (5 TW & 3 TE).
- **Collared Elephant:** Ongoing monitoring from ground and air taking place by KWS / TT teams.
- **Rebuilt KWS Land Cruiser:** Between February and June 2018, Tsavo Trust assisted KWS by totally rebuilding and unreliable KWS Toyota L/Cruiser from Dakota Base in TENP. Engine overhaul, new front and rear diffs, new radiator, new fuel injection pump, new rear tray, body work, new bull bar, new rear cage etc was carried out totaling US\$ 39,950.

Table 1: Shows “Tusker” code, number of times observed during month and brief remarks.

Tusker Code	No. Times Seen / Month	Brief Remarks
BULLS		
LU1	1	In good health and in difficult area to locate him
WS1	6	Physically seen, but located daily by Sat. collar
MU1	4	Normal location
HA1	2	Back to original area found
KI1	1	Back to normal location
GO1	1	Normal location
KM2	3	Normal location. In Musth
COWS		
Nil	-	
TOTAL	7 bulls: 18 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.		



Photo taken on 1st June 2018 of the Tusker coded as MU1.

Tsavo Trust has known this bull for the last 4.5 years and has observed him on 266 separate occasions.

This equates to 1 observation every 6 days spanning 1,642 days.

There is no question that this continued monitoring gives MU1 and extra level of security.

4 years ago, he was categorized as an Emerging Tusker. Today he is in the Super Tusker category, very possibly thanks to the joint KWS / TT Big Tusker Project’s efforts.

Areas Covered: Table 2: 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, Tiva River, Ndiandaza, Ya Kalicha, Roka 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, Mangalete, Kamboyo, Kisimeka, Chyulu south, Mtito lugga, Mungai Hill, Finch Hattons, Mzima Springs, Shetani volcano, Severin, Kilaguni, Ndawe, Tsavo River Southern Sector – Murka, Maktau, Ziواني, Serengeti plains, Kanjaro, TZ / Kenya border Central Sector – IPZ, Rhino Valley, NRS, Tsavo River, Kinyek, Maji ya Chumvi (north & south), Ziواني, Lesoito, Kyulu, Manda, Kishushe, Murka, Mombasa Highway, Man Easters, Kenani, Kanga, Manyani north and west, SGR line	TENP border – Ngiluni/Kamunyu, Kulalu, Dere, Murondo, Magram/Dakota Ranch, KMC, Ngutuni, Kilifi & Galana Ranch TWNP border – Rombo, Ziواني, Salaita Chyulu Hills NP - Nil Taita Ranches - Nil
- 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 Tsavo Trust’s flight paths (2 aircraft) over the TCA between January and June 2018. The red path is for aircraft 5Y TTZ and the blue for 5Y NRF. 435 hours flown covering 51,487 kilometers over Tsavo in support of KWS: **Air & ground activities; Big Tusker monitoring; Locating illegal activities; Wildlife monitoring; Aerial census and tracking.**

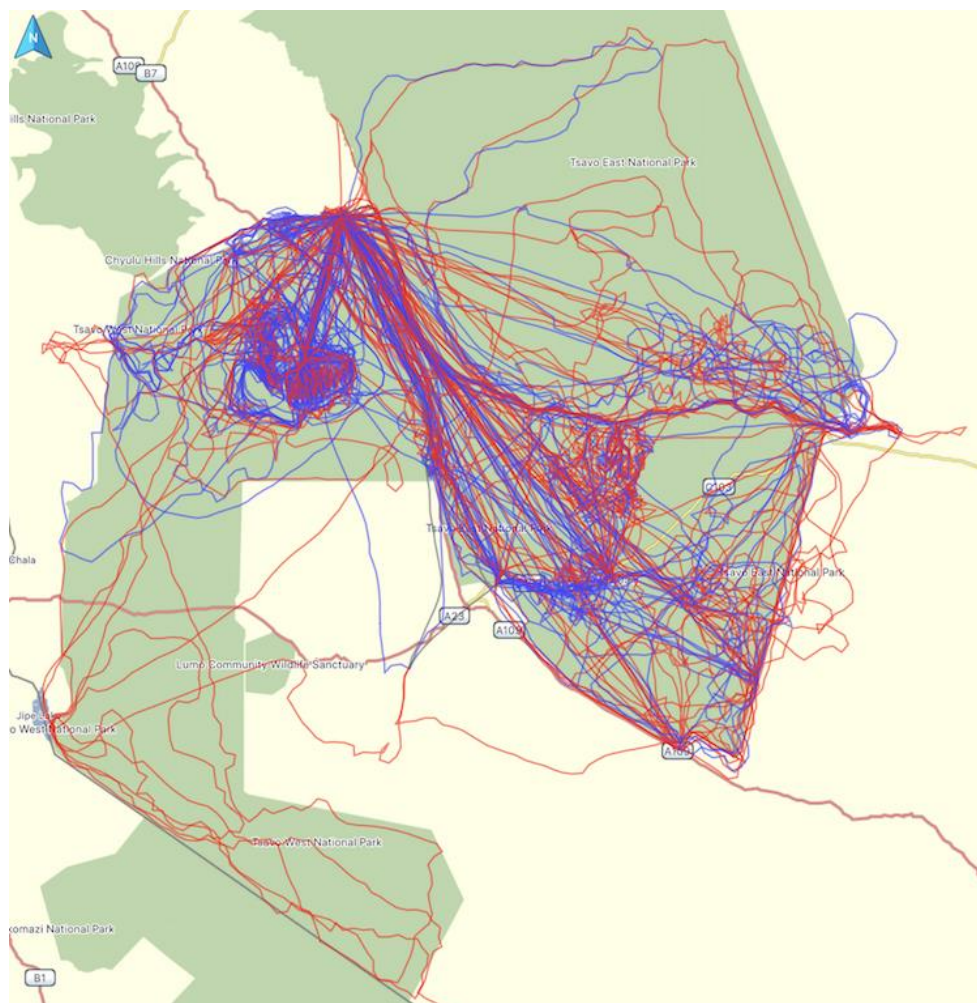


Photo of old worn out KWS Land Cruiser KAT 361X in February 2018 before total re-build in workshop.



Photo below shows the same KWS vehicle after rebuild, officially handed over on 27th June 2018.



COMMUNITY CONSERVANCY PROGRAM:

“KAMUNGI CONSERVANCY”:

- ✓ **Ongoing partnership between Tsavo Trust and Kamungi Conservancy (KC)** (bordering northern boundary of TENP – Triangle).
- ✓ **Employment:** Between Tsavo Trust and its partners 36 permanent staff and 23 casual staff were employed generating over \$ 9,000 (Ksh. 900,000) of income into Kamungi per month.
- ✓ **Kamungi Water Project:** 53,940 litres of water was issued from the water dispensing kiosk at Ngiluni Village. Each family is rationed to 60 litres per day.
- ✓ **HWC – Elephant Bee Fences** – 5 x 1-acre bee fences, total 75 bee hives with 22 are occupied. The first trial harvest yielded some first-class honey in late May and plans for a full harvest of 11 hives is being planned on.
- ✓ **HWC** – 48 cases were recorded around Kamungi Conservancy, mainly elephants crop raiding (44), leopard (1) and hyena (3) conflict with smaller livestock.
- ✓ **Kamungi Forestry Project** – a tree nursery is now being set up at Ngiluni water station to promote the re planting of indigenous trees having been decimated in the area from charcoalers.
- ✓ **Snake anti-venom** - supply for venomous snakes – Tsavo Trust provides and pays for 5 vials of top grade anti-venom (from South Africa). This is held by a Senior Doctor at the Voi District Hospital. This is a collaborative venture with James Ashe Anti-venom Trust / Bio-Ken Snake Farm, Watamu who are the anti-venom suppliers.

“DAKOTA / SHIRANGO COMMUNITY PROJECT”:

- ✓ **Dakota / Shirango community engagement** – in its infancy, a partnership between Tsavo Trust and the Watha communities of Dakota / Shirango is fast evolving (although discussions have been ongoing for over 4 years). Through the CLO, employed by Tsavo Trust, this once alienated community is now starting to embrace the “Conservancy” concept and plans are underway to roll out further activities here.
- ✓ **Employment** – Tsavo Trust employs 8 staff from this community including a Community Liaison Officer (CLO) to spear head activities. This equates to over \$ 1,200 (Ksh. 120,000) of income generation every month to this community as a result.
- ✓ **Training** – 6 members of this community passed the 3 months Community Scout Training at KWS Law Enforcement Academy (LEA) at Manyani on 7th June 2018. They have now been deployed as part of the joint KWS / TT Tembo 1 unit based from KWS Dakota Base on the southern boundary of TENP. Their activities will be both inside the TENP and in the Dakota / Shirango buffer to TENP.



*6 of the 15
Tsavo Trust
Scouts who
passed the KWS
ranger training
course on 7th
June 18.*

*6 of these scouts
are from
Shirango
community.*

Unusual Photo of the Month:

Photo shows Tusker coded HA1 with a very lucky warthog just escaping his tusks on 30th June 2018



With sincere thanks and appreciation to the Kenya Wildlife Service, Save The Elephants/Wildlife Conservation Network/Elephant Crisis Fund (ECF), US Fish & Wildlife Service, The Oak Foundation, Zoological Society of London (ZSL), USAid / DOI, Tusk Trust, Stuart Herd, Sir Colin Southgate, Nick Southgate, Alex Graham, Dr. David K.P. Li, Nick Powell, James Robertson, Leopardess Foundation (Nicole Honegger), International Foundation for Animal Welfare (IFAW), Markus Jebsen, Cheyenne Mountain Zoo, The Davies Family, Paul Block, International Elephant Foundation (IEF), Disney/Wildlife Conservation Society (WCS), Ndovu Trust (UK), Mike Kirkland - Satao Camp & Southern Cross Safaris (Msa), Tropical Ice Ltd, Askari Project – Australia, Salama Fikira, Origins Safaris, Ker & Downey safaris, Scott Family Fdn., JW Seagon Insurance, The Art of BAS & Oak Furniture Land, Howard Saunders, Sandor Carter, Sean Dundas, Geri Bauer, Karen Laurence-Rowe, James Lewin, OnSafari-Kenya-Anthony Cheffings, Kathy Snowden, Saving the Survivors – Johan Marais, Chris Acreman, Paul & James Wilson, Dutch Flower Foundation, Alex Hunter – Insiders Africa, Spidertracks, Michael Cheffings, Pembroke House School and numerous other individual supporters.

Report compiled by Richard Moller – Chief Executive Officer, Tsavo Trust
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