

MALAMALA GAME RESERVE GAME REPORT – OCTOBER 2016

AREAS COVERED: MARTHLY / EYREFIELD / MALAMALA / FLOCKFIELD / CHARLESTON

WEATHER SUMMARY – OCTOBER

OCTOBER WEATHER SUMMARY					
<i>TEMPERATURE</i>					
Celsius (°C)			Fahrenheit (°F)		
	Actual	Average		Actual	Average
Maximum	38	30,0	Maximum	100,4	86,0
Minimum	12	20,0	Minimum	53,6	68,0
<i>RAINFALL</i>					
Millimeters		Inches		Days of rain	
24		0,94		3	

*AGES ARE APPROXIMATIONS AS AT END OF OCTOBER 2016

LIONS

STYX PRIDE = 5

1 ADULT FEMALE	13 YEARS 9 MONTHS
1 ADULT FEMALE	8 YEARS 9 MONTHS
1 ADULT FEMALES	5 YEARS 9 MONTHS
2 ADULT MALES	4 YEARS 8 MONTHS
(3 sightings)	

NORTHERN EYREFIELD

Males last seen with core pride: May, 2015. Last seen: January,

Only seen on three occasions in October (as apposed to the six times they were seen in September), the Styx pride were viewed with one of the males from the Gowrie male coalition on the Gowrie boundary on the 2nd of the month, they were later viewed on the 10th for two days feeding on a fresh buffalo kill on the Gowrie boundary, West of the Matshipiri river. Unfortunately the cubs had succumb to their mange. The buffalo carcass fed two of the females for two days before they moved back north off the property.

EYREFIELD PRIDE = 10

2 ADULT FEMALES	9 YEARS 4 MONTHS
1 SUB-ADULT MALE	4 YEARS 8 MONTHS
1 SUB-ADULT FEMALE	4 YEARS 8 MONTHS
1 SUB-ADULT MALE	4 YEARS 5 MONTHS
1 SUB-ADULT MALE	4 YEARS 2 MONTH
1 FEMALE CUB	11 MONTHS
1 MALE CUB	11 MONTHS
1 FEMALE CUB	10 MONTHS
1 MALE CUB	10 MONTHS

MALA MALA, FLOCKFIELD

(30 sightings)

Despite the ongoing shift in lion dynamics on the reserve, the Eyrefield pride remained fairly consistent in their movements during the month. They generally stayed within close proximity to the Sand river for the month, moving between Flockfield Boma crossing and West Street Bridge.

During the month of October the youngest lioness from the Eyrefield pride was seen mating regularly with the darker maned Matshipri male on five consecutive days, moving from just South of Rattray's camp to the southern end of the airstrip together. She was also seen on one occasion, mating with a very large unidentified male lion to the south of Rattray's camp.

The Eyrefield pride were nothing short of relentless in their hunting efforts over the month of October. This can most likely be attributed to the conditions of the herbivores at the end of an almost two year long drought. They were viewed with a total of eight different carcasses throughout October, five of which happened over a period of days, with a whopping three buffalo being killed in the space of twenty four hours just to the west of West Street Bridge. And a mere two days later they were viewed on a Giraffe kill on the opposite side of the Sand River. They were also viewed feeding off a hippopotamus carcass in the earlier parts of the month.

The Eyrefield pride were viewed a total of 30 days during September throughout Flockfield, of which: 10 were with the two male lions from the Matshapiri pride.

FOURWAYS PRIDE = 6

1 ADULT FEMALE

1 SUB ADULT FEMALE

2 MALE CUBS

2 FEMALE CUBS

EASTERN FLOCKFIELD

(1 sightings)

UNKNOWN AGE

6 YEARS 4 MONTHS

11 MONTHS

11 MONTHS

Eastern Flockfield was notably quiet as far as lion sightings are concerned. With its only resident pride (The Fourways Pride) being absent for all but one day in October. They were viewed with the two Matshipri males, feeding on two buffalo carcasses in the northern parts of eastern Flockfield. However brief their appearance, it was enough time to see that the four cubs are in great condition and the male cubs are starting to develop (albeit small, rather "scruffy") manes.

MARTHLY PRIDE = 11

2 ADULT FEMALES

1 ADULT FEMALE

3 SUB-ADULT MALES

1 SUB-ADULT FEMALE

2 CUBS

3 CUBS

MARTHLY, MALAMALA

(4 sightings)

14 YEARS 2 MONTH

5 YEARS 3 MONTHS

3 YEARS 4 MONTHS

3 YEARS 4 MONTHS

±5 MONTHS

±4 MONTHS

Any visit by the tailless lioness and her 4 sub adults promises to be a dramatic one and the month of October was no exception. Although the frequency of their visits is getting far less due to the persistent presence of the six females of the Marthly breakaway pride, representatives of the Marthly pride killed a buffalo on all but one occasion. Three of the four sightings of the Marthly Pride, were of the tailless lioness and her four sub adults in the southern reaches of the Mlowati river. First seen on the Fourth of October in the Mlowati River, West of Mlowati Koppies. The following day they were found on a Buffalo kill in a drainage line south of their previous position. The next day they had brought down a buffalo in the Mayeleti River, after spend the whole day in the Sand River in front of main camp. The only other appearance made by members of the Marthly Pride this month was the two adult females and their five cubs, who were viewed of a buffalo kill in the Sand River opposite Elephant Rock.

CHARLESTON PRIDE = 5

1 ADULT FEMALE

11 YEARS 9 MONTHS

2 ADULT MALES

5 YEARS 5 MONTHS

2 MALE CUBS

± 1 YEAR 7 MONTHS

CHARLESTON

(3 sightings of the two adult males; 0 of the two male cubs; 0 of the adult female)

There were sightings of the two impressive adult males from Charleston Pride on three occasions in the month of October. They were first viewed on the Second of month, north of the Sand River, east of Island Crossing. A week later they were seen for two days on a buffalo kill at Island Crossing itself.

MATSHIPRI PRIDE = 3

2 ADULT MALES

±6 YEARS 6 MONTHS

1 ADULT FEMALE

±4 YEARS 6 MONTHS

FLOCKFIELD, SOUTHERN MALAMALA

DOMINANT OVER THE EYREFIELD AND FOURWAYS PRIDES

First encounter: April 2015

(25 sightings)

Although there were no sightings of the Matshipri female over the month of October, the two Matshipri males definitely control the 'lions share' of Mala Mala Game Reserve and are by far the most frequently viewed male lions on the reserve. Seen at West Street Bridge, Charleston North and North Eastern Flockfield over three consecutive days, these Males are definitely in full control of the central parts of the reserve and looking to expand their dominance further on a daily basis. Seen most frequently in the company of the Eyrefield Pride, from which they have sired four cubs and were seen mating with the youngest Eyrefield lioness. They were also seen with the Fourways Pride on one occasion, also having sired four cubs with the Fourways females.

The first three encounters with the Matshipri males in October, saw them walking the length and width of Flockfield over three days. On the third day they were viewed feeding on two buffalo kills, with the members of the Fourways Pride in north eastern Flockfield. The following day (06/10) they were viewed with the Eyrefield Pride around Buffalo Pans. For the remainder of the month they remained in the general vicinity of the Sand River, between West Street Bridge and Rattray's Camp with the Eyrefield Pride. Throughout their time with the Eyrefield Pride, they were viewed on seven different kills with the Eyrefield females.

TJELLAHANGA PRIDE=9

2 ADULT FEMALES

1 SUB-ADULT FEMALE

6 SUB-ADULT MALES

UNKNOWN AGES

± 4 YEARS 9 MONTHS

± 4 YEARS 9 MONTHS

EASTERN CHARLESTON, EASTERN FLOCKFIELD, EASTERN MALAMALA

(0 sightings)

There were no confirmed sightings of this pride

JAKKALSDRAAI MALES = 2

2 ADULT MALES

6 YEARS 3 MONTHS

WESTERN FLOCKFIELD, WESTERN CHARLESTON

(0 sightings)

There were no confirmed sightings of this pride.

CLARENDON MALES = 2

2 ADULT MALES

±11 YEARS 10 MONTHS

MARTHLY

(5 sightings)

Seen on five occasions in the late parts of October. The Clarendon males were viewed with the six lionesses of the Marthly breakaway Pride on all but one occasion. The Clarendon males were first viewed on the morning of the 26th on a Buffalo kill with the six breakaway lionesses south and east of Tslebe Rocks. That afternoon they walked to Campbell Koppies where they remained for a day. On the 28th they moved with the lionesses to the Sand River just south of Main Camp. That evening, they roared their way past Main Camp and were viewed just West of Bicycle Crossing. The following day only one male was viewed just east of the Mala Mala/ Sparta break, he later crossed west to join up with his brother.

GOWRIE MALES = 5

1 ADULT MALE

± 6 YEARS

1 ADULT MALE

± 5 YEARS 6 MONTHS

3 ADULT MALES

± 5 YEARS

EYREFIELD, MALAMALA - DOMINANT OVER THE STYX PRIDE

First encounter: September 2015

(1 sightings)

With the increasingly persistent presence of the Clarendon Males and Marthly Breakaway Lionesses, the Gowrie males are becoming increasingly scarce on the property. Only one representative from the Gowrie Male coalition was viewed on a single occasion at the beginning of the month. He was viewed in the presence of the females from the Styx Pride on the Gowrie boundary somewhat West of Clarendon. There was no further sighting of the Gowrie males for the remainder of the month.

Other lions encountered

- Monthly break-away pride: 4 sightings

The six lionesses continued to make their presence felt around the later parts of the month. The females were seen on six occasions in October. They spent the majority of their time around the central parts of Eyrefield, where they were first found with a Buffalo kill alongside the two Clarendon males. The next few days saw them and the Clarendon males making their way to Campbell Koppies and then the Sand River. They finally moved back to Campbell Koppies, after the Clarendon males moved off the property at the end of the month.

- Members of the Sand River Pride were viewed in Charleston on one occasion near Island crossing.
- A no I.D male was viewed around Poliwe where he was viewed feeding on a Buffalo. He was later seen in the Manyeleti river, south of Poliwe for the next three days before disappearing.
- A large male lion was also viewed south of Rattray's camp, mating with the youngest Eyrefield lioness.

NUMBER OF DIFFERENT LIONS ENCOUNTERED (approximate)

OCTOBER	46
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LEOPARDS:

BICYCLE CROSSING MALE

14 YEARS 8 MONTHS

WESTERN MALAMALA, FLOCKFIELD

(8 sightings)

The first encounter we had of the Bicycle crossing male was in the central parts of his territory, in the Kapen River - close to the confluence with the Sand River. Despite a confrontation with one of the Matshipri males, whereby the Bicycle Crossing male was very rudely interrupted during his morning slumber, he was seen in the general vicinity of Charleston North crossing for the majority of the month.

The Bicycle Crossing male leopard was viewed on a Warthog kill at Charleston north crossing towards the end of the month. He fed on the kill for two days, then was last seen sleeping off the meal around Mamba Waterhole.

WEST STREET MALE

7 YEARS 6 MONTHS

CHARLESTON

(4 sightings)

Seen on four occasions in October, the West Street Male was once again seen pushing into the Bicycle Crossing Male's territory, seen on the sixth around the Charleston Flockfield boundary, someways east of the Sand River. However there has been no physical altercation between him and the Bicycle Crossing male (who's territory he keeps intruding on).

The only other sighting of the West Street Male for the remainder of the month was when he was seen mating with the Teardrop female, opposite Trollips camp. They were seen mating for three consecutive days.

TREEHOUSE MALE

± 6 YEARS 10 MONTHS

WESTERN MALAMALA

(14 sightings)

Seen on 14 occasions in October (same as the previous month), the Treehouse Male made the most of his time on Mala Mala. Patrolling every corner of his territory as well as mating with two different females (the Tamboti female as well as a no I.D female). Rarely seen on more than one occasion in the same place, the Treehouse male has staked an impressive claim along the Sand River, stretching further South than Rattrays Camp up to the far North Eastern parts of Marthly.

First seen around Stwise on the 3rd, he moved South of Main camp and was seen the next day mating with a unidentified female leopard just south of the causeway. He remained there for the next two days before moving south of Rattrays's camp where we was then seen mating with the Tamboti female. Following another two days of mating he then was seen around West street bridge.

Two days later he was back in Marthly after which he paid a visit to the Kikilezi female and her two cubs (of which he has sired). They were seen sharing an Impala carcass, and showing a rare display of fatherly 'tolerance' with his two energetic offspring. Following this, he then was seen two days later (24th) opposite Rattray's before moving north of West Street and stealing an Impala kill from the Island female.

This relatively young male leopard is definitely going to be one to watch in the not too distant future. Despite his large territory, he patrols it with a persistence unseen in many a male leopard.

TSLEBE ROCKS MALE
NORTHERN EYREFIELD
(0 sightings)

± 10 YEARS 4 MONTHS

There were no confirmed sightings during the reported period.

ACCIPITER MALE
MALAMALA
(2 sightings)

± 6 YEARS 2 MONTH

The Accipiter Male is one of the most illusive leopards on Mala Mala. Sightings of this leopard vary from an array of growls and mock charges to fleeting glimpses. October was the latter, seen on two occasions around Emasgwen water hole and Matshipri open area on the 3rd and 22nd respectively. On both occasions he was viewed very briefly and from a distance. But his size and presence remains a consideration for both rangers and other prospective male leopards in the area.

SPLIT ROCK MALE
EYREFIELD, MALAMALA
Son of the Ostrich Koppies female, independent latter half of 2015
(5 sightings)

2 YEARS 4 MONTHS

This young male, previously known as the son of the Ostrich Koppies female has been independent for quite some time now - and with no sightings of his mother, nor him in her company, since the end of 2015. The Spit Rock male is still somewhat nomadic, more than likely trying to find an available niche for himself in his mother's old territory - while avoiding the already established dominant males in the area - namely the Accipiter male.

Viewed on just two occasions in October, the Split Rock male continued with his tread of spending his time in the vicinity of the Matshipri river. He continues to hold his own in an area saturated with competitive male leopards, avoiding confrontation where possible. We are hoping that this inquisitive, gentle natured leopard keeps below the radar of the other males long enough to become a more regular feature on Mala Mala.

KIKILEZI FEMALE
1 MALE CUB
1 FEMALE CUB

15 YEARS
6 MONTHS
6 MONTHS

WESTERN MALAMALA, WESTERN EYREFIELD, MARTHLY

(0 sighting of female, 1sightings of the cubs, 24sightings of female and cubs)

Without fail the Kikilezi female once again was viewed more than any other leopard on Mala Mala. Viewed on 10 more occasions (24) in October than in September. The Kikilezi female and her cubs spent most of the month just west of Main camp, on the southern bank of the Sand River. Only moving to the northern bank on one occasion, which was most likely attributed to the presence of lions in the area. However she was seen back on the southern bank, west of bicycle crossing the next day with an impala kill (27th)

The unrelenting pressure from the Picadilly female (her almost three year old daughter) has forced the Kikilezi female to her to make the the southern bank of the Sand River her new home. She was seen on two separate impala kills in this area, both of which shared with the growing cubs. We were also treated to a rare visit by the Treehouse male with her and the cubs on the second kill.

PICADILLY FEMALE

2 YEARS 10 MONTHS

WESTERN EYREFIELD, MARTHLY

Daughter of the Kikilezi female, independent first quarter of 2016

(12 sightings)

Previously referred to as the 3:3 spot pattern daughter of the Kikilezi female, the Picadilly female is just shy of three years of age and is clearly turing into quite a force to be reckoned with, being seen on 12 occasions during September. This young leopardess is holding her own over her mothers old territory, which centres around the area referred to as Picadilly triangle, and generally north and westwards from there.

This young female was seen on three separate occasions feeding off of the remains of impala carcasses as well as a bushbuck carcass. The first of which was along northern bank of the Sand river west of Bicycle Crossing, in the first week of October. The second kill was a bushbuck the following day, just north of the position of the first. The last kill was towards the end of the month, where she was found feeding off an impala kill which she had cached in a Marula tree someways west of Western Side Mlowati, north of Gowrie Trust road. She remained with this kill for two days before moving to Matumi rocks for a much needed drink of water.

SIBUYE FEMALE**2 YEARS 10 MONTHS**

WESTERN EYREFIELD, MARTHLY

Daughter of the Kikilezi female, independent first quarter of 2016

(1 sighting)

The Sibuye female, once known as the 2:2 spot pattern daughter of the Picadilly female - the same age as her sister, seen less frequently and somewhat less dominant. She is seen from the northern parts of Eyrefield, and has been recorded as far south as West Street bridge. The Sibuye female was seen fairly often in the western and central parts of Eyrefield, along which Sibuye road runs, hence her naming.

This young leopardess was seen on once occasion during the month of October , seen at Mlowati Dam, in the very northern parts of her mothers old territory.

TAMBOTI FEMALE**9 YEARS 1 MONTH**

WESTERN FLOCKFIELD, WESTERN MALAMALA

(4 sightings)

Seen on only four occasions in October. She was first viewed in the Sand River, just north of Rattray's mating with the Treehouse Male. They were viewed there for two days around the middle of the month. She was later viewed, viewed at the end of the month on an Impala kill just south of the airstrip, where she was repeatedly hassled by hyena and jackal.

ISLAND FEMALE**3 YEARS 8 MONTHS**

WESTERN FLOCKFIELD, WESTERN MALAMALA

Daughter of the Tamboti female, independent first quarter of 2015

(15 sightings)

Seen on fifteen occasions in October, the Island female even treated us to a few interesting sighting within the confines of Main Camp. Seen on the first day around the causeway, she then proceeded to make her way in and out of camp around Sable Camp. She was then seen further south with an Impala kill. She was joined by the Treehouse male and a no I.D female who the Treehouse male had been mating with. The unsuspecting female beat a hasty retreat when she realized that she was in the company of the slightly more experienced Island female.

She spent the remainder of the month along the banks of the Sand River between West Street and the causeway. She was found with an Impala kill around the Giraffe bones in the later parts of the month which was unceremoniously stolen by the Treehouse male.

She once again was seen mating with the Treehouse Male, so there are still hopes for some new cubs in November.

MLOWATHI FEMALE **9 YEARS 9 MONTHS**
DAUGHTER OF THE MLOWATHI FEMALE **±3 YEARS 11 MONTHS**
NORTHWESTERN EYREFIELD
(0 sightings)

There were no confirmed sightings during the reported period.

MATSHIPRI FEMALE **16 YEARS 0 MONTHS**
EASTERN MALAMALA, EASTERN EYREFIELD
(0 sightings)

There were no sightings of this leopard during the month of October.

EMSAGWENI FEMALE **6 YEARS 10 MONTHS**
MALAMALA
(5 sightings)

The Emasgweni female was viewed on five occasions in October. She has still be viewed mainly along the banks of the Matshipri river between its confluence with the Sand river and Matshipri dam. She proved that the injury to her eye was merely cosmetic as she took down a Steenbok near Ostrich Koppies. She seen feeding on the Steenbok for two days before disappearing once again.

FLOCKFIELD FEMALE **12 YEARS 6 MONTHS**
CENTRAL & EASTERN FLOCKFIELD, NORTHERN CHARLESTON
(0 sightings)

There were no confirmed sightings during the reported period.

LOOKOUT FEMALE **6 YEARS 9 MONTHS**
MALE CUB **± 11 MONTHS**
WESTERN FLOCKFIELD, NORTHERN CHARLESTON
(0 sighting of the female, 0 sightings of the female and cub, 0 sighting of the cub)

There were no recorded sightings of this leopard in October.

Other leopards encountered:

- **Males:** (6 sightings, 5 individuals)
 - There were six sightings of 5 male leopards during September:
 - One male was seen in north central Eyrefield, wearing a telemetry collar known as 'Sindile' was viewed in the Tsebe Rocks donga, at its confluence with the Mlowati river.
 - An unknown male with a cut in his lip was seen around the Treehouse.
 - A male referred as 'Maxabeni' was viewed having a standoff with the Bicycle Crossing male in the Rock Drift Donga. The encounter was a stalemate and both leopards left without any physical altercation.
 - The male referred to our neighbours to the north as Quarantine (the son of the Tsebe rocks male). He was seen in Clarendon open area on three separate occasions.
 - The newly named Senegal Bush male is starting to become a regular visitor to Northern Eyrefield.
- **Females:**
 - **The Teardrop female:** This female was seen on five occasions in October. First seen mating with the West Street male for three days near Flat rock. She was later seen in the same vicinity with a bushbuck kill.
 - The leopard referred to as 'Nkoveni' was seen just south of Main camp mating with the Treehouse male
 - The Nontshemeni female was viewed for three days on an Impala kill south of Matshipri dam.
 - There were two sightings of unknown females during September;
 - Flockfield- 1 female seen in the East
 - A young female was seen east of Rattray's camp who was viewed for three days and then made an Bushbuck kill. She then disappeared two days later.

NUMBER OF DIFFERENT LEOPARDS ENCOUNTERED (approximate)

OCTOBER	23
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CHEETAH

Three - the number of individual cheetah seen during October. All of which were male. The two male cheetah were viewed on four days during the month all at Clarendon. Both looking good leading up to their tenth birthday. Another young male was viewed two days in central Flockfield.

NUMBER OF DIFFERENT CHEETAH ENCOUNTERED

OCTOBER	3
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CAPE HUNTING DOGS

We were witness to a total of 28 different Cape Hunting Dogs, representing three different packs, on six days in October. They were viewed from our northern boundary all the way down to Charleston north. The ever impressive 'Toulon Pack' with their 12 adults and 10 pups lead to one of the most action packed sightings of the year, whereby they chased a bushbuck into a muddy pool alongside a very large bull Hippopotamus who did not share our sentiments with regards to the dogs presence. He proceeded to fend off the Cape Hunting Dogs until he realized that the source of all this unwanted attention was in fact the bushbuck. The hippopotamus then swiftly dispatched the bushbuck from the pool, as well as the mortal world and threw it to the awaiting Cape Hunting Dogs. The Cape Hunting Dogs made light work of the freshly delivered meal, and proceeded to attack a drought-weakened Buffalo cow. Luckiest for this Buffalo the Cape Hunting Dogs lost interest and moved on.

NUMBER OF DIFFERENT CAPE HUNTING DOGS ENCOUNTERED (approximate)

OCTOBER	28
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CAPE BUFFALO AND ELEPHANTS

As the months go on, and the drought continues - we are noticing an increase in buffalo sightings, this could be attributed to the fact that the Sand River is the only remaining source of water for a lot of these animals. The herds which are being seen are generally fairly small, and fragmented. We had 88 sightings of cape buffalo during September, made up of 11 large herds, 47 small-medium herds and 89 individuals.

Elephant sightings are still excellent, as these animals are seemingly much more resistant to the harsher conditions (and less susceptible to predation) - as a result we had 118 encounters with elephants over the 31 days of October . 30 were with large herds, 79 of smaller herds and 9 of individuals.

OTHER INTERESTING SIGHTINGS

Another jam packed month with rare, and interesting sightings: some of the highlights include - honey badgers, servals and an African wild cat.

TOTAL SIGHTINGS: OCTOBER 2016	
LION	57
LEOPARD	133
ELEPHANT	118
BUFFALO	88
CHEETAH	5
CAPE HUNTING DOG	6

BIG 5 ANALYSIS: OCTOBER 2016

	LION		LEOPARD		ELEPHANT				BUFFALO			
DATE	ANIMALS	SIGHTINGS	ANIMALS	SIGHTINGS	ANIMALS			SIGHTINGS	ANIMALS			SIGHTINGS
					LH	H	INDIV.		LH	H	INDIV.	
1	0	0	3	2	1	0	1	5			1	1
2	10	3	6	4	1	1	0	0	1			1
3	2	1	6	4		7		7			3	1
4	7	2	7	5	1			1			5	1
5	19	3	9	4		2		2		2		2
6	24	3	11	8	1	2	5	5		1	1	2
7	9	2	7	5		5		5			3	1
8	9	1	6	4		2	2	4		1	1	2
9	11	3	9	6		3		3		2		2
10	5	3	7	4		1	1	2			1	1
11	8	2	4	2		5		5			3	1
12	8	2	6	3		7		7			3	1
13	10	2	7	3		5		5		1	3	2
14	9	1	6	3		6		6		5		5
15	12	2	4	2	3			3	1		4	4
16	7	1	2	2	1	1		2		1		1
17	11	3	4	2		3		3		3	4	4
18	11	3	10	8		3		3		1		1
19	8	2	6	3		3		3	1		8	4
20	7	1	4	2		3		3		1	3	2
21	10	2	4	4		4		4			4	1
22	10	2	7	4	1	2		3	1	1	2	3
23	10	2	9	7	3	1	4	6	2		5	4
24	9	1	5	4		1	2	2		2	2	3
25	9	1	9	6		4		4	2	2	7	6
26	17	2	7	6	2	6		8		5	6	7
27	17	2	7	5		7		7		4	1	5
28	17	2	7	5		6		6		3	2	15
29	17	2	8	5		5	1	6		1	6	3
30	22	3	3	3	2	1	3	5		4	6	6
31	15	3	5	3		3	1	4		3		2
TOTAL	340	62	195	128	16	99	20	129	8	43	84	94