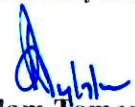


6790
15/07/2022

OFFICE OF THE CHIEF WILDLIFE WARDEN, RAJASTHAN, JAIPUR
Wild Animals Population Estimation by Waterhole Method for the Year 2020

S. No.	Species Code	Local Name	Englisname (Scientific Name)	Inside PAs	Forest Area other than PAs	Total
A	B	C	D	E	F	G
1	116B	Baghera	Leopard or Panthera(<i>Panthera pardus</i>)	465	310	775
2	1131C	Bhaloo	Sloth Bear(<i>Melursus ursinus</i>)	453	337	790
3	1115	Bhedia	Indian Wolf(<i>Canis lupus pallipes</i>)	73	609	682
4	221A	Bijju	Civets(<i>Viverridae spp.</i>)	594	1045	1639
5	118A	Chausingha	Four-horned antelope(<i>Tetracerus quadricornis</i>)	445	13	458
6	305	Cheetal	Chital(<i>Axis axis</i>)	2917	123	3040
7	115B	Chinkara	Indian Gazelle(<i>Gazelle gazelle benetti</i>)	5368	36044	41412
8	114	Jarakh	Hyena(<i>Hyena hyena</i>)	697	1765	2462
9	222C	Junglee Billi	Jungle Cat(<i>Felis Chaus</i>)	830	4706	5536
10	3019	Junglee Suar	Wild Pig(<i>Sus Scrofo</i>)	5531	12066	17597
11	112	Kala Hiran	Black Buck(<i>Antelop cervicapra</i>)	3579	22616	26195
12	214A	Langur	Common langur(<i>Presbytis entellus</i>)	4496	13396	17892
13	116C	Lomdi	Fox/ Desert Fox(<i>Vulpes bucapus</i>)	951	6976	7927
14	3014	Nilgai	Nilgai(<i>Boselaphus tragocamelus</i>)	10849	69385	80234
15	3016	Sambhar	Sambhar(<i>Cervus unicolor</i>)	701	343	1044
16	404E	Sehli(Sehi)	Indian porcupine(<i>Hystrix indica</i>)	692	2391	3083
17	222B	Siyaar/Geedar	Jackal(<i>Canis aureus</i>)	3164	18538	21702
		TOTAL		41805	190663	232468

Note:- This estimation has been done in selected forest areas and Protected Areas other than the Tiger Reserves. Wild Animals living in rest of the State have not been counted. Waterhole population estimation is a direct sighting record and only those animals are counted which visit the waterholes when observation teams are present. Due to rainfall during the period of estimation (on date 05.06.2020) there was availability of water at several places where no observation team was present and hence many animals must not have been sighted. Moreover, some animals may visit waterholes outside the Forest/Protected Areas and those are not Counted. This technique is useful for examining trends of population and create awareness and interest about wild animals in the people. In this method, observations on sighting are collected at water holes (during summer) for 24 hours preferably from 6 PM to 6 PM on full moon days and the assumption is that every animal will visit the waterhole only once in this period.


(Arindam Tomar)
Pr. Chief Wildlife Warden
Rajasthan, Jaipur

Wild Life Population Estimation by Waterhole Method for the Year-2020 Inside Protected Area(Rajasthan) Wildlife Controlled Areas

S.No.	Species Code	Local Name	English Name (ScientificName)	Ramgarh Vishdhar	Ramsagar Dholpur	Sajjangarh	Shergarh	Sita mata	Talchhapar	Todgarh Raoli	Van Vihar Dholpur	UmmedGanj Pakshi Vihar	Abhed Biological Park	Dear Park Chittogarh	Jodbeed Gadwala	Bichwala	Bikaner- DCF(WL)	Machia Van Khand	Guda Vishnoiyan	DCF(WL) Jodhpur	Total
A	B	C	D	17	18	19	20	21	22	23	24	25	27	28	29	30	31	33	34	35	36
1	116B	Baghera	Leopard or Panthera(<i>Panthera pardus</i>)	10	0	3	0	42	0	39	0	0	0	0	0	0	106	0	0	0	465
2	1131C	Bhaloo	Sloth Bear(<i>Melursus ursinus</i>)	9	0	1	0	0	0	60	6	0	1	0	0	0	0	0	0	0	453
3	1115	Bhedia	Indian Wolf(<i>Canis lupus pallipes</i>)	0	3	0	16	0	1	19	4	0	2	0	0	0	0	0	0	8	73
4	221A	Bijju	Civets(<i>Viverridae spp.</i>)	16	0	8	12	136	0	25	0	0	0	0	0	0	0	0	0	0	594
5	118A	Chausingha	Four-horned antelope(<i>Tetracerus quadricornis</i>)	0	0	0	0	304	0	0	0	0	0	0	0	0	0	0	0	0	445
6	305	Cheetal	Chital(<i>Axix axis</i>)	75	0	49	0	0	0	0	78	0	0	26	0	0	0	0	0	0	2917
7	115B	Chinkara	Indian Gazelle(<i>Gazelle gazelle benetti</i>)	0	0	0	34	0	127	0	0	0	13	0	287	62	637	0	625	2668	5368
8	114	Jarakh	Hyena(<i>Hyena hyena</i>)	14	4	11	28	128	0	50	11	0	0	0	0	0	0	0	0	0	697
9	222C	Junglee Billi	Jungle Cat(<i>Felis Chaus</i>)	3	5	5	17	166	77	82	0	0	0	0	1	2	5	0	0	3	830
10	3019	Junglee Suar	Wild Pig(<i>Sus Scrofo</i>)	130	41	0	103	822	201	338	187	3	4	0	113	52	724	59	53	177	5531
11	112	Kala Hiran	Black Buck(<i>Antelop cervicapra</i>)	0	0	0	4	0	3328	0	0	0	0	0	0	0	247	0	0	0	3579
12	214A	Langur	Common langur(<i>Presbytis entellus</i>)	0	0	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4496
13	116C	lomdi	Fox/ Desert Fox(<i>Vulpes bucapus</i>)	4	3	0	21	168	134	13	4	0	0	0	24	0	29	0	13	34	951
14	3014	Nilgai	Nilgai(<i>Boselaphus tragocamelus</i>)	532	37	22	137	941	114	867	94	18	29	0	176	53	401	131	565	2324	10849
15	3016	Sambhar	Sambhar(<i>Cervus unicolor</i>)	14	0	14	0	27	0	110	0	0	0	16	0	0	0	0	0	0	701
16	404E	Sehli(Sehi)	Indian porcupine(<i>Hystrix indica</i>)	13	3	9	0	95	11	45	0	0	0	0	0	0	1	5	6	13	692
17	222B	Siyaar/Geedar	Jackal(<i>Canis aureus</i>)	30	11	0	93	528	1	265	136	4	5	0	0	0	0	2	17	40	3164
			Total	850	107	146	465	3357	3994	1913	520	25	54	42	601	169	2150	197	1279	5267	41805

(Arinam Tomar)

Pr. Chief Conservator of Forests &
Chief Wildlife Warden, Rajasthan, Jaipur.

Wild Life Population Estimation by Waterhole Method for the Year-2020 Inside Protected Area(Rajasthan) Wildlife Controlled Areas

S.No.	Species Code	Local Name	English Name (ScientificName)	Bandh Baretha	Bassi	Bhainsrodgarh	Nature Park Baghdara	National Chambal Ghadiyal	DNP Jaisalmer	Jhalana Jaipur	Jaisamand	Jamwa Ramgarh	Jawai Dam Panther Conservation Reserve- Suzmerpur	Keoladeo National Park	Kumbhalgarh	Kesar Bagh Dholpur	Mount Abu	Mrigvan Durg Chi	Phulwari ki Nal
A	B	C	D	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	116B	Baghera	Leopard or Panthera(<i>Panthera pardus</i>)	0	14	1	1	3	0	15	15	8	29	0	136	0	41	0	2
2	1131C	Bhaloo	Sloth Bear(<i>Melursus ursinus</i>)	0	0	0	0	1	0	0	0	0	8	0	220	5	140	0	2
3	1115	Bhedia	Indian Wolf(<i>Canis lupus pallipes</i>)	6	0	0	0	9	0	0	0	0	0	0	0	0	5	0	0
4	221A	Bijju	Civets(<i>Viverridae spp.</i>)	8	30	2	2	10	0	3	15	5	12	7	96	0	99	0	108
5	118A	Chausingha	Four-horned antelope(<i>Tetracerus quadricornis</i>)	0	19	0	0	0	0	0	0	0	0	0	98	0	0	0	24
6	305	Cheetal	Chital(<i>Axix axis</i>)	3	47	0	0	5	0	0	27	2	0	2579	0	0	0	26	0
7	115B	Chinkara	Indian Gazelle(<i>Gazelle gazelle benetti</i>)	0	120	0	0	0	724	0	56	0	15	0	0	0	0	0	0
8	114	Jarakh	Hyena(<i>Hyena hyena</i>)	19	26	0	0	59	0	46	5	17	11	14	141	19	45	0	49
9	222C	Junglee Billi	Jungle Cat(<i>Felis Chaus</i>)	16	19	0	4	51	36	0	8	6	12	4	69	57	100	0	82
10	3019	Junglee Suar	Wild Pig(<i>Sus Scrofo</i>)	40	415	0	0	404	280	0	105	84	29	96	610	102	345	0	14
11	112	Kala Hiran	Black Buck(<i>Antelop cervicapra</i>)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	214A	Langur	Common langur(<i>Presbytis entellus</i>)	15	0	0	32	0	0	591	947	0	85	0	0	0	2406	0	396
13	116C	lomdi	Fox/ Desert Fox(<i>Vulpes bucapus</i>)	12	33	4	0	33	147	7	8	4	10	0	71	13	74	0	88
14	3014	Nilgai	Nilgai(<i>Boselaphus tragocamelus</i>)	143	626	9	30	651	247	323	173	399	73	280	1161	121	165	0	7
15	3016	Sambhar	Sambhar(<i>Cervus unicolor</i>)	0	0	0	0	31	0	27	9	37	0	20	343	0	37	16	0
16	404E	Sehli(Sehi)	Indian porcupine(<i>Hystrix indica</i>)	29	16	0	0	37	0	36	29	20	10	15	104	23	98	0	74
17	222B	Siyaar/Geedar	Jackal(<i>Canis aureus</i>)	145	186	27	2	479	0	29	31	99	15	251	346	119	148	0	155
			Total	436	1551	43	71	1773	1434	1077	1428	681	309	3266	3395	459	3703	42	1001

(Arindam Tomar)

Pr. Chief Conservator of Forests &
Chief Wildlife Warden, Rajasthan, Jaipur.

Wild Life Population Estimation by Waterhole Method for the Year-2020 Outside Protected Area (Rajasthan)

S.No.	Species Code	Local Name	English Name (ScientificName)	Ajmer-DFO Ajmer	Alwar- DCF Alwar	Banswara- DFO Banswara	Baran- DFO Baran	Barmer- DCF Barmer	Bharatpur- DFO Bharatpur	Bhilwara- DCF Bhilwara	Bikaner- DFO Bikaner	Bikaner- DCF IGNP Div II Bikaner	Bikaner- DCF(WL)	Bundi DFO Bundi	Chhattaragh-DCF(IGNP- I) Chhattaragh	Chittorgarh DCF Chittorgarh	Churu- DCF Churu	Dausa- DCF Dausa	Dholpur- DCF	Dungarpur- DCF	Ganganagar- DCF Ganganagar
A	B	C	D	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	116B	Baghera	Leopard or Panthera(<i>Panthera pardus</i>)	1	1	13	0	0	0	0	0	0	0	3	0	6	0	7	1	36	0
2	1131C	Bhaloo	Sloth Bear(<i>Melursus ursinus</i>)	0	0	0	5	0	0	0	0	0	0	1	0	2	0	0	13	0	0
3	1115	Bhedia	Indian Wolf(<i>Canis lupus pallipes</i>)	10	0	0	66	0	7	3	0	0	0	15	0	30	1	32	1	0	0
4	221A	Bijju	Civets(<i>Viverridae spp.</i>)	11	39	23	54	0	7	27	0	0	0	13	0	15	0	63	12	39	0
5	118A	Chausingha	Four-horned antelope(<i>Tetracerus quadricornis</i>)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	305	Cheetal	Chital(<i>Axix axis</i>)	0	18	0	26	0	8	0	0	0	0	10	0	0	0	0	21	0	0
7	115B	Chinkara	Indian Gazelle(<i>Gazelle gazelle benetti</i>)	0	0	0	807	1196	0	200	5146	1735	637	55	2175	24	3666	0	0	6	2402
8	114	Jarakh	Hyena(<i>Hyena hyena</i>)	6	55	85	82	0	150	37	0	0	0	14	0	50	0	70	67	72	0
9	222C	Junglee Billi	Jungle Cat(<i>Felis Chaus</i>)	67	67	209	180	37	19	55	142	33	5	24	75	65	350	43	30	60	815
10	3019	Junglee Suar	Wild Pig(<i>Sus Scrofo</i>)	122	467	634	877	0	63	436	182	594	724	153	0	384	201	21	375	1465	43
11	112	Kala Hiran	Black Buck(<i>Antelop cervicapra</i>)	3	0	0	2695	0	0	16	260	0	247	11	0	0	3341	0	0	0	2949
12	214A	Langur	Common langur(<i>Presbytis entellus</i>)	708	0	2076	283	0	53	0	0	0	0	220	0	1275	0	0	0	1058	10
13	116C	lomdi	Fox/ Desert Fox(<i>Vulpes bucapus</i>)	9	19	292	242	70	7	77	402	307	29	13	349	52	689	75	85	119	1107
14	3014	Nilgai	Nilgai(<i>Boselaphus tragocamelus</i>)	2390	1161	1518	873	643	716	2041	2095	1295	401	1166	1344	1103	2090	975	769	1902	7599
15	3016	Sambhar	Sambhar(<i>Cervus unicolor</i>)	0	72	0	2	0	0	0	0	0	0	0	0	0	0	9	21	0	0
16	404E	Sehli(Sehi)	Indian porcupine(<i>Hystrix indica</i>)	105	81	79	21	14	22	84	6	30	1	5	15	14	11	55	0	162	408
17	222B	Siyaar/Geedar	Jackal(<i>Canis aureus</i>)	321	686	752	992	0	580	649	334	460	106	176	395	482	1	925	829	195	1359
			Total	3753	2666	5681	7205	1960	1632	3625	8567	4454	2150	1879	4353	3502	10350	2275	2224	5114	16692

(Arindam Tomar)

Pr. Chief Conservator of Forests &
Chief Wildlife Warden, Rajasthan, Jaipur.

Wild Life Population Estimation by Waterhole Method for the Year-2020 Outside Protected Area (Rajasthan)

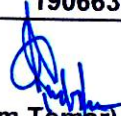
S.No.	Species Code	Local Name	English Name (ScientificName)	Hanumangarh DCF Hanumangarh	Jaipur- DCF Jaipur	Jaipur- DCF WL Zoo Jaipur	Jaipur- DCF Jaipur (North)	Jaisalmer DCF(DDP) Jaisalmer	Jaisalmer DCF(IGNP-II) Jaisalmer	Jalore- DCF Jalore	Jhalawar- Dfo Jhalawar	Jhunjhunu- DCF Jhunjhunu	Jodhpur- Dfo Jodhpur	Jodhpur- DCF(WL) Jodhpur	Karauli- DCF(SC) Karauli	Kota- DFO Kota	Nagaur- DCF Nagaur	Pali- DCF Pali	Pratapgarh- DCF Pratapgarh	Rajsamand Territorial area	Sawai Madhopur- DCF Sawai Madhopur
A	B	C	D	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
1	116B	Baghera	Leopard or Panthera(<i>Panthera pardus</i>)	0	4	15	24	0	0	0	0	6	0	73	4	0	0	7	11	24	5
2	1131C	Bhaloo	Sloth Bear(<i>Melursus ursinus</i>)	0	0	0	0	0	0	66	0	0	0	183	0	0	0	9	0	14	0
3	1115	Bhedia	Indian Wolf(<i>Canis lupus pallipes</i>)	0	42	0	19	0	12	0	40	31	7	13	33	6	31	73	0	3	39
4	221A	Bijju	Civets(<i>Viverridae spp.</i>)	0	22	3	38	0	0	32	46	209	0	127	13	3	0	11	50	12	0
5	118A	Chausingha	Four-horned antelope(<i>Tetracerus quadricornis</i>)	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	9	0	0
6	305	Cheetal	Chital(<i>Axix axis</i>)	0	0	0	0	0	0	0	35	0	0	0	0	5	0	0	0	0	0
7	115B	Chinkara	Indian Gazelle(<i>Gazelle gazelle benetti</i>)	2521	0	0	0	398	1530	256	217	433	4516	3392	13	48	3086	351	0	0	0
8	114	Jarakh	Hyena(<i>Hyena hyena</i>)	0	81	46	214	0	0	64	141	53	0	49	63	9	5	23	57	26	52
9	222C	Junglee Billi	Jungle Cat(<i>Felis Chaus</i>)	454	33	0	220	30	112	73	190	394	55	155	10	7	187	55	57	17	20
10	3019	Junglee Suar	Wild Pig(<i>Sus Scrofo</i>)	363	0	0	108	0	258	258	407	13	0	862	133	258	82	1343	96	71	54
11	112	Kala Hiran	Black Buck(<i>Antelop cervicapra</i>)	1574	0	0	0	0	0	0	37	0	1376	2715	163	220	5199	1738	0	0	0
12	214A	Langur	Common langur(<i>Presbytis entellus</i>)	0	0	591	0	0	0	1256	202	0	0	0	0	235	0	0	2316	0	0
13	116C	lomdi	Fox/ Desert Fox(<i>Vulpes bucapus</i>)	505	89	7	125	69	227	77	168	348	81	255	33	18	278	34	18	24	46
14	3014	Nilgai	Nilgai(<i>Boselaphus tragocamelus</i>)	3928	1273	323	2678	218	763	1730	1229	4188	2415	2761	751	526	6296	1827	660	482	458
15	3016	Sambhar	Sambhar(<i>Cervus unicolor</i>)	0	8	27	42	0	0	2	0	11	0	60	0	0	0	0	7	2	0
16	404E	Sehli(Sehi)	Indian porcupine(<i>Hystrix indica</i>)	173	50	36	74	7	0	109	42	226	7	144	26	0	35	26	28	13	1
17	222B	Siyaar/Geedar	Jackal(<i>Canis aureus</i>)	927	323	29	761	0	140	145	874	1100	31	194	834	247	141	563	458	116	380
			Total	10445	1925	1077	4303	722	3042	4068	3628	7012	8492	10983	2076	1582	15340	6060	3767	804	1055

(Arindam Kumar)

Pr. Chief Conservator of Forests &
Chief Wildlife Warden, Rajasthan, Jaipur

Wild Life Population Estimation by Waterhole Method for the Year-2020 Outside Protected Area (Rajasthan)

S.No.	Species Code	Local Name	English Name (ScientificName)	Sikar- DCF Sikar	Sirohi DFO Sirohi	Tonk- DCF Tonk	Udaipur- DCF Udaipur (North)	Udaipur- DCF Udaipur	Total
A	B	C	D	37	38	39	40	41	42
1	116B	Baghera	Leopard or Panthera(<i>Panthera pardus</i>)	7	25	0	17	20	310
2	1131C	Bhaloo	Sloth Bear(<i>Melursus ursinus</i>)	0	39	0	5	0	337
3	1115	Bhedia	Indian Wolf(<i>Canis lupus pallipes</i>)	28	25	42	0	0	609
4	221A	Bijju	Civets(<i>Viverridae spp.</i>)	24	56	1	56	39	1045
5	118A	Chausingha	Four-horned antelope(<i>Tetracerus quadricornis</i>)	0	0	0	0	0	13
6	305	Cheetal	Chital(<i>Axix axis</i>)	0	0	0	0	0	123
7	115B	Chinkara	Indian Gazelle(<i>Gazelle gazelle benetti</i>)	1053	128	53	0	0	36044
8	114	Jarakh	Hyena(<i>Hyena hyena</i>)	15	69	42	17	51	1765
9	222C	Junglee Billi	Jungle Cat(<i>Felis Chaus</i>)	150	89	34	33	55	4706
10	3019	Junglee Suar	Wild Pig(<i>Sus Scrofo</i>)	0	860	40	19	100	12066
11	112	Kala Hiran	Black Buck(<i>Antelop cervicapra</i>)	0	20	52	0	0	22616
12	214A	Langur	Common langur(<i>Presbytis entellus</i>)	0	1894	0	1219	0	13396
13	116C	lomdi	Fox/ Desert Fox(<i>Vulpes bucapus</i>)	101	78	98	207	147	6976
14	3014	Nilgai	Nilgai(<i>Boselaphus tragocamelus</i>)	2634	1500	1733	455	476	69385
15	3016	Sambhar	Sambhar(<i>Cervus unicolor</i>)	21	0	59	0	0	343
16	404E	Sehli(Sehi)	Indian porcupine(<i>Hystrix indica</i>)	114	56	24	31	56	2391
17	222B	Siyaar/Geedar	Jackal(<i>Canis aureus</i>)	446	308	786	275	218	18538
			Total	4593	5147	2964	2334	1162	190663


(Arindam Tomar)

Pr. Chief Conservator of Forests &
Chief Wildlife Warden, Rajasthan, Jaipur