

OFFICE OF THE CHIEF WILDLIFE WARDEN, RAJASTHAN, JAIPUR
Wild Animals Population Estimation by Waterhole Method for the Year 2024

S.No.	Local Name	English Name (ScientificName)	Inside PAs	Forest Area other than PAs	Total
A	C	D	E	F	G
1	Baghera	Leopard or Panthera(<i>Panthera pardus</i>)	578	347	925
2	Siyaar/Geedar	Jackal(<i>Canis aureus</i>)	3402	18135	21537
3	Jarakh	Hyena(<i>Hyena hyena</i>)	829	1787	2616
4	Junglee Billi	Jungle Cat(<i>Felis Chaus</i>)	962	4656	5618
5	lomdi	Fox (<i>Vulpes bucapus</i>)/ Desert Fox	1058	6793	7851
6	Bhedia	Indian Wolf(<i>Canis lupus pallipes</i>)	299	472	771
7	Bhaloo	Sloth Bear(<i>Melursus ursinus</i>)	366	205	571
8	Bijju	Civets(<i>Viverridae spp.</i>)	876	1406	2282
9	Cheetal	Chital(<i>Axix axis</i>)	3280	100	3380
10	Sambhar	Sambhar(<i>Cervus unicolor</i>)	988	375	1363
11	Kala Hiran	Black Buck (<i>Antelop cervicapra</i>)	5038	14068	19106
12	Nilgai	Nilgai(<i>Boselaphus tragocamelus</i>)	8736	71721	80457
13	Chinkara	Indian Gazelle(<i>Gazelle gazelle benetti</i>)	1475	29887	31362
14	Chausingha	Four-horned antelope(<i>Tetracerus quadricornis</i>)	488	26	514
15	Junglee Suar	Wild Pig (<i>Sus Scrofo</i>)	5717	12818	18535
16	Sehli(Sehi)	Indian porcupine(<i>Hystrix indica</i>)	911	2696	3607
17	Langur	Common langur(<i>Presbytis entellus</i>)	22313	30905	53218
		Total	57316	196397	253713

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 23.05.2024) 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 technuque is useful for examine trends of population and creat 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.

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Wild Life Population Estimation by Waterhole Method for the Year-2024 Inside Protected Area(Rajasthan) Wildlife Controlled Areas

S.No.	Local Name	English Name (ScientificName)	Bandh Baretha	Bassi	Bhainsrodgarh	National Chambal Ghadiyal, Van Vihar, Kesar Bag, Ramsagar,Dholpur	DNP Jaisalmer	Jaisamand	Jamwa Ramgarh	Jawai Dam Panther Conservation Reserve- I	Jawai Dam Panther Conservation Reserve- II	Keoladeo National Park	Kumbhalgarh	Mount Abu
A	C	D	1	2	3	4	5	6	7	8	9	10	11	12
1	Baghera	Leopard or Panthera(<i>Panthera pardus</i>)	5	16	17	9	0	21	30	15	19	1	132	62
2	Siyaar/Geedar	Jackal(<i>Canis aureus</i>)	166	133	208	490	0	35	100	0	5	375	359	155
3	Jarakh	Hyena(<i>Hyena hyena</i>)	24	35	23	48	0	15	40	0	4	25	157	67
4	Junglee Billi	Jungle Cat(<i>Felis Chaus</i>)	16	54	45	15	49	14	15	3	3	29	103	131
5	Iomdi	Fox (<i>Vulpes bucapus</i>)/ Desert Fox	17	42	75	33	287	34	9	0	0	0	63	46
6	Bhedia	Indian Wolf(<i>Canis lupus pallipes</i>)	0	0	6	13	0	0	0	0	0	0	0	231
7	Bhaloo	Sloth Bear(<i>Melursus ursinus</i>)	0	0	1	12	0	3	0	0	14	0	229	0
8	Bijju	Civets(<i>Viverridae spp.</i>)	19	52	71	6	0	31	13	1	2	25	144	182
9	Cheetal	Chital(<i>Axix axis</i>)	0	27	6	16	0	58	1	0	0	3015	26	0
10	Sambhar	Sambhar(<i>Cervus unicolor</i>)	0	1	2	4	0	18	37	0	0	20	521	77
11	Kala Hiran	Black Buck (<i>Antelop cervicapra</i>)	0	0	0	0	0	0	0	0	0	4	0	0
12	Nilgai	Nilgai(<i>Boselaphus tragocamelus</i>)	169	651	591	574	344	245	347	70	72	681	1390	285
13	Chinkara	Indian Gazelle(<i>Gazelle gazelle benetti</i>)	0	83	6	0	949	12	0	0	2	0	1	0
14	Chausingha	Four-horned antelope(<i>Tetracerus quadricornis</i>)	0	8	0	0	0	0	0	0	0	0	84	0
15	Junglee Suar	Wild Pig (<i>Sus Scrofo</i>)	60	589	399	488	368	134	174	24	58	140	729	566
16	Sehli(Sehi)	Indian porcupine(<i>Hystrix indica</i>)	24	42	34	20	0	46	52	3	2	22	133	168
17	Langur	Common langur(<i>Presbytis entellus</i>)	0	1225	998	0	0	972	594	48	86	0	5806	3407
	Total		500	2958	2482	1728	1997	1638	1412	164	267	4337	9877	5377

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Wild Life Population Estimation by Waterhole Method for the Year-2024 Inside Protected Area(Rajasthan) Wildlife Controlled Areas

S.No.	Local Name	English Name (ScientificName)	Mrigvan Durg Chi	Nahargarh, Jhalana CR	Phulwari ki Nal	Sajjagarh	Shergarh	Sita mata	Talchhapar	Todgarh Raoli	Bagdara CR	UmmedGanj Pakshi Vihar	Abheda Biological Park	Total
A	C	D	13	14	15	16	17	18	19	20	21	22	23	24
1	Baghera	Leopard or Panthera(<i>Panthera pardus</i>)	0	57	24	12	8	57	0	91	2	0	0	578
2	Siyaar/Geedar	Jackal(<i>Canis aureus</i>)	0	60	218	18	207	541	2	317	5	2	6	3402
3	Jarakh	Hyena(<i>Hyena hyena</i>)	0	73	60	2	38	140	0	73	4	0	1	829
4	Junglee Billi	Jungle Cat(<i>Felis Chaus</i>)	1	12	97	19	45	197	75	49	5	0	2	962
5	lomdi	Fox (<i>Vulpes bucapus</i>)/ Desert Fox	0	47	113	4	31	154	116	24	3	0	0	1058
6	Bhedia	Indian Wolf(<i>Canis lupus pallipes</i>)	0	0	0	0	43	0	1	0	0	0	5	299
7	Bhaloo	Sloth Bear(<i>Melursus ursinus</i>)	0	0	43	0	0	0	0	63	0	0	1	366
8	Bijju	Civets(<i>Viverridae spp.</i>)	0	7	157	6	23	228	0	27	1	0	0	876
9	Cheetal	Chital(<i>Axix axis</i>)	34	16	0	52	0	3	0	26	0	0	0	3280
10	Sambhar	Sambhar(<i>Cervus unicolor</i>)	14	72	0	28	6	28	0	160	0	0	0	988
11	Kala Hiran	Black Buck (<i>Antelop cervicapra</i>)	0	0	0	0	73	0	4958	0	0	3	0	5038
12	Nilgai	Nilgai(<i>Boselaphus tragocamelus</i>)	0	506	34	27	305	1346	91	974	9	10	15	8736
13	Chinkara	Indian Gazelle(<i>Gazelle gazelle benetti</i>)	0	0	0	0	233	0	148	0	0	0	41	1475
14	Chausingha	Four-horned antelope(<i>Tetracerus quadricornis</i>)	0	0	32	0	0	364	0	0	0	0	0	488
15	Junglee Suar	Wild Pig (<i>Sus Scrofo</i>)	0	2	44	21	226	988	152	534	11	4	6	5717
16	Sehli(Sehi)	Indian porcupine(<i>Hystrix indica</i>)	0	66	100	9	13	104	9	61	3	0	0	911
17	Langur	Common langur(<i>Presbytis entellus</i>)	268	481	587	92	332	4135	0	3240	25	12	5	22313
	Total		317	1399	1509	290	1583	8285	5552	5639	68	31	82	57316


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Wild Life Population Estimation by Waterhole Method for the Year-2024 Outside Protected Area (Rajasthan)

S.No.	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 INP Div II Bikaner	Bikaner- DCF(WL)	Bundi DFO Bundi	Chhataragh-DFO (INP-I) Chhataragh	Chittorgarh DCF Chittorgarh	Churu- DCF Churu	Dausa- DCF Dausa	Dholpur- DCF	Dungarpur- DCF	Ganganagar- DCF Ganganagar	Hanumangarh DCF Hanumangarh	Jaipur- DCF Jaipur
A	C	D	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	Baghera	Leopard or Panthera(Panthera pardus)	0	19	26	5	0	0	5	0	0	0	3	0	1	0	40	0	18	0	0	7
2	Siyar/Geedar	Jackal(Canis aureus)	278	1059	694	1100	17	558	601	146	410	140	176	446	585	6	1212	576	77	1130	1036	160
3	Jarakh	Hyena(Hyena hyena)	11	114	130	124	0	33	24	0	0	0	17	0	56	0	104	64	51	0	0	32
4	Junglee Billi	Jungle Cat(Felis Chaus)	106	114	167	175	37	47	31	93	55	8	4	103	83	224	61	36	32	657	372	23
5	lomdi	Fox (Vulpes bucapus)/ Desert Fox	28	14	319	257	93	14	38	300	321	38	22	370	66	470	94	33	60	950	608	61
6	Bhedia	Indian Wolf(Canis lupus pallipes)	8	0	0	43	7	0	2	0	0	0	0	0	7	4	30	12	0	0	0	9
7	Bhaloo	Sloth Bear(Melursus ursinus)	3	0	0	2	0	0	1	0	0	0	4	0	9	0	0	1	0	0	0	0
8	Bijju	Civets(Viverridae spp.)	16	70	61	40	0	0	21	0	0	0	4	0	9	0	0	1	0	0	0	0
9	Cheetal	Chital(Axix axis)	0	0	0	0	0	6	38	0	0	0	3	0	44	0	57	7	37	0	0	11
10	Sambhar	Sambhar(Cervus unicolor)	0	139	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0
11	Kala Hiran	Black Buck (Antelop cervicapra)	0	0	0	1265	17	3	29	0	0	0	0	0	0	0	0	0	0	0	0	7
12	Nilgai	Nilgai(Boselaphus tragocamelus)	2470	1133	1991	1037	868	565	1925	1889	1745	480	874	1441	1252	2149	1166	596	1593	7272	4479	1483
13	Chinkara	Indian Gazelle(Gazelle gazelle benetti)	0	0	0	628	1548	0	233	4067	1537	695	86	1897	22	2802	0	0	0	2500	2801	0
14	Chausingha	Four-horned antelope(Tetracerus quadricornis)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Junglee Suar	Wild Pig (Sus Scrofo)	260	578	889	591	0	92	564	255	480	872	175	42	713	25	105	283	744	73	380	17
16	Sehli(Sehl)	Indian porcupine(Hystrix indica)	84	111	164	25	10	13	54	6	0	4	3	4	42	0	92	4	114	207	300	33
17	Langur	Common langur(Presbytis entellus)	1504	209	1698	849	2	77	98	0	0	0	306	0	1688	0	1855	1	1216	0	0	299
		Total	4768	3560	6139	6141	2599	1408	3664	6756	4548	2497	1673	4303	4572	5730	4816	1613	3942	15291	11328	2142

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Wild Life Population Estimation by Waterhole Method for the Year-2024 Outside Protected Area (Rajasthan)

S.No.	Local Name	English Name (ScientificName)	Jaipur- DCF Jaipur (North)	Jaisalmer DCF Jaisalmer	Jaisalmer DCF (GNP-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	Sikar- DCF Sikar	Sirohi DFO Sirohi	Tonk- DCF Tonk	Udaipur- DCF Udaipur (North)	Udaipur- DCF Udaipur	Total
A	C	D	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41
1	Baghera	Leopard or Panthera(Panthera pardus)	49	0	0	0	0	13	0	0	6	0	2	9	17	30	5	12	18	0	37	25	347
2	Siyaar/Geedar	Jackal(Canis aureus)	725	0	67	240	1028	1219	73	33	526	293	81	384	434	140	539	473	294	624	267	288	18135
3	Jarakh	Hyena(Hyena hyena)	182	0	0	117	118	84	0	0	81	28	6	14	55	31	52	23	89	51	34	62	1787
4	Junglee Billi	Jungle Cat(Felis Chaus)	569	17	20	104	83	574	60	10	0	48	177	47	74	19	65	141	68	49	45	58	4656
5	lomdi	Fox (Vulpes bucapus)/ Desert Fox	232	82	132	164	125	439	114	33	34	46	266	25	56	20	51	112	148	102	347	109	6793
6	Bhedia	Indian Wolf(Canis lupus pallipes)	18	0	0	4	34	62	36	19	30	10	12	25	0	0	28	19	7	46	0	0	472
7	Bhaloo	Sloth Bear(Melursus ursinus)	1	0	0	78	0	0	0	0	0	0	0	10	0	22	0	0	63	0	9	2	205
8	Bijju	Civets(Viverridae spp.)	119	0	0	101	45	293	0	0	0	2	4	4	108	29	34	34	81	16	115	54	1406
9	Cheetal	Chital(Axix axis)	0	0	0	0	15	0	0	0	1	36	0	0	0	0	0	0	0	0	0	0	100
10	Sambhar	Sambhar(Cervus unicolor)	108	0	0	2	0	16	0	0	0	0	0	4	0	4	0	14	0	81	0	0	375
11	Kala Hiran	Black Buck (Antelop cervicapra)	0	0	0	0	62	65	262	1008	8	128	5372	1577	0	0	0	1	85	22	0	0	14068
12	Nilgai	Nilgai(Boselaphus tragocamelus)	2277	388	487	2009	1641	4459	2452	1091	509	738	7482	2258	917	494	1070	2760	1421	1747	494	619	71721
13	Chinkara	Indian Gazelle(Gazelle gazelle benetti)	0	286	555	189	255	538	2865	1133	0	173	3400	255	0	0	0	1374	5	43	0	0	29887
14	Chausingha	Four-horned antelope(Tetracerus quadricornis)	0	0	0	0	3	0	0	0	0	0	0	23	0	0	0	0	0	0	0	0	26
15	Junglee Suar	Wild Pig (Sus Scrofo)	259	81	93	652	493	98	0	170	130	214	0	1500	234	125	246	1	926	111	132	215	12818
16	Sehli(Sehi)	Indian porcupine(Hystrix indica)	296	0	2	221	44	280	0	28	51	0	56	34	28	16	46	84	107	54	55	24	2696
17	Langur	Common langur(Presbytis entellus)	953	0	0	2023	514	872	81	0	51	460	33	390	2295	980	197	6897	2373	20	1644	1320	30905
		Total	5788	854	1356	5904	4460	9012	5943	3525	1427	2176	16891	6536	4241	1910	2333	11945	5685	2966	3179	2776	196397

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