

## **CENTRAL EMPOWERED COMMITTEE**

### **NOTE REGARDING SAFETY ZONES (ECO- SENSITIVE ZONES) AROUND NATIONAL PARKS AND WILDLIFE SANCTUARIES**

#### **BACKGROUND**

There are 102 National Parks and 515 Wildlife Sanctuaries which have been notified under the provisions of Wildlife (Protection) Act, 1972 and other applicable Acts / Rules. The Statewise details of the National Parks/Sanctuaries are at ANNEXURE-N-1 to this Note. The total area of the National Parks and Wildlife Sanctuaries is about 1.60 lakh sq. kms. (about 4.86% of the geographical area of the country).

2. The categorisation, based on the area of National Parks and Wildlife Sanctuaries, is given below:

<b>Category</b>	<b>Area (In Sq. Km.)</b>	<b>No.</b>	<b>Total Area of National Parks/Wildlife Sanctuaries (in Sq. Kms)</b>	<b>% of Area of all National Parks/Wildlife Sanctuaries</b>
I	Upto 10	195	523.07	0.33
II	10 to 50	94	2,746.04	1.72
II	50 to 100	55	4,152.46	2.60
IV	100 to 200	85	12,065.83	7.55
V	200. to 500	115	38,941.83	24.37
VI	Above 500	73	1,01,389.39	63.44

The details of the National Parks and Wildlife Sanctuaries falling in each of the above said categories are at ANNEXURE-N-2 of this Note.

3. The Safety Zones (Eco-Sensitive Zones) around National Parks / Wildlife Sanctuaries (hereinafter referred to as Protected Areas) act as transition zone between areas of very high protection and little or no protection. In the Protected Areas, all activities, other than the activities prescribed for conservation and protection of its habitat, are prohibited. On the other hand in the Safety Zones, some of the activities are either prohibited or regulated and all other activities are permissible. The Safety Zones act as a shock absorber and insulate the Protected Areas from the likely adverse impact of the activities in the adjacent areas.

4. The Indian Board for Wildlife in its XXIst meeting held on 21<sup>st</sup> January, 2002 adopted the "Wildlife Conservation Strategy - 2002" which inter alia envisaged that "lands falling within 10 kms of the boundaries of National Parks and Sanctuaries should be notified as 'eco-fragile zones' under Section 3 (v) of the Environment (Protection) Act, 1986. The matter was re-examined by the National Board for Wildlife in its 2<sup>nd</sup> meeting held on 17<sup>th</sup> March, 2005 and

zones would have to be site-specific and relate to regulation, rather than prohibition, of specific activities.

5. In the Writ Petition (Civil) No. 460/2004 filed by the Goa Foundation regarding the issue of declaration of eco-sensitive zones, this Hon'ble Court by its order dated 4<sup>th</sup> December, 2006 has directed the State Governments to send their proposals (for declaration of eco-sensitive zones around National Parks and Sanctuaries) within four weeks to the MoEF and that all cases where environmental clearances were granted for activities within 10 kms zone (around National Parks/Wildlife Sanctuaries), be referred to the Standing Committee of the NBWL.

6. This Hon'ble Court by its order dated 4.8.2006 in WP(C) No. 202/1995 (Temporary Working Permit (TWP) matter inter alia directed that as an interim measure one kilometer safety zone shall be maintained subject to the orders that may be made in IA No. 1000 regarding Jamua Ramgarh Sanctuary. This, Hon'ble Court directed that the grant of TWP should not result in any mining activity within the Safety Zone around National Parks / Wildlife Sanctuaries notified under Section 18, 26 A or 35 of the Wildlife (Protection) Act,1972.

7. The eco-sensitive zones around most of the National Parks / Wildlife Sanctuaries have so far not been notified. Some of the States such as Haryana, Gujarat, Mizoram, Meghalaya, Assam and Goa have submitted proposals in this regard to the MoEF. The remaining States are yet to do so. The State of Goa reportedly has taken the stand that no Safety Zone around the National Parks / Sanctuaries in the State of Goa is required.

8. The Ministry of Environment and Forests vide its letter dated 9<sup>th</sup> February, 2011 has issued "Guidelines for Declaration of Eco-Sensitive Zones around National Parks and Wildlife Sanctuaries". A copy of the same is enclosed at ANNEXURE-N-3 to this Note.

9. From the above it may be seen that:

- (a) during the last 10 years hardly any progress has been made with regard to notifying Safety Zones (eco-sensitive zones) around the National Parks / Wildlife Sanctuaries;
- (b) as an interim measure, this Hon'ble Court by its order dated 4.8.2006 in TWP matter (WP(C) No. 202/1995) has prescribed that Safety Zone of one

(c) the environmental clearances granted for projects located within a distance of 10 kms from the boundaries of National Parks / Wildlife Sanctuaries are required to be placed before the Standing Committee of the NBWL and become effective only if also cleared by it.

#### **RECOMMENDATIONS**

10. After considering that during the last ten years no significant progress has been made regarding identification and declaration of Safety Zones around protected areas and considering the matter in its totality, an implementable scheme has been prepared by the CEC and which has been dealt with in subsequent paragraphs.

11. For the purpose of identification and declaration of the Safety Zones around National Parks / Wildlife Sanctuaries (hereinafter referred to as protected areas), the protected areas based on their areas, are classified into four categories:

- i) **CATEGORY-A** – the protected areas having an area of 500 sq. km. or more. The total number of such protected areas is 73 and their total area is

- ii) **CATEGORY-B** - the protected areas having an area between 200 sq. km. to 500 sq. km. The total number of such protected areas is 115 and their total area is about 38942 sq. km. (24.37 % of total area of protected areas);
- iii) **CATEGORY-C** – the protected areas having an area between 100 sq. km. to 200 sq. km. The total number of such protected areas is 85 and their total area is about 12,066 sq. km (about 7.55% of total area of protected areas); and
- iv) **CATEGORY-D** – the protected areas having an area up to 100 sq. km. The total number of such protected areas is 344 and their total area is about 7,422 sq. km (about 4.65% of total area of all protected areas).

12. Wherever two or more protected areas are contiguous to each other, such protected areas will be placed in the appropriate category based on the sum total of their areas (and not on the basis of area of individual protected area). The details of some of the contiguous protected areas are given below:

821 sq. km and therefore both will fall in

Category-A;

- ii) Gir National Park (258 sq. km.) and Gir Sanctuary (1,153 sq. km.) – total area is 1,411 sq. km. and therefore both will fall in Category-A;
- iii) Periyar National Park (350 sq. km.) and Periyar Sanctuary (427 sq. km.) – total area is 777 sq. km. and therefore both will fall in Category-A;
- iv) Satpura National Park (585 sq. km.), Bori Sanctuary (485 sq. km.) and Pachmarhi Sanctuary (417 sq. km.) – total area is 1488 sq. km. and therefore all three will fall in Category-A;
- iv) Valmiki National Park (335 sq. km.) and Valmiki Sanctuary (545 sq. km.) – total area is 880 sq. km. and therefore both will fall in Category-A;
- vi) Tadoba National Park (116 sq. km.) and Andhari Wildlife Sanctuary (509 sq. km.) – total area is 625 sq. km. and therefore both will fall in Category-A; and

13. The Safety Zone, in respect of protected areas falling in Category-A and Category-B, may comprise of all the areas including non-forest areas falling within a distance of two kilometers and one kilometer respectively from the boundaries of the protected area. Such distances, in respect of protected areas falling within Category-C and Category-D, may be kept at 500 meter and 100 meter respectively.

14. The grant / renewal of mining leases (excluding for collection of boulders, gravel and sand from river beds), setting up of hazardous industries, brick kilns, wood based industries (except MDF / Particle Boards Plants) will be treated as prohibited activities within the Safety Zone (eco-sensitive zones). The activities such as setting up of industries (other than those included in the list of prohibited activities), hotels and restaurants including resorts, commercial helicopter services, hydel projects, irrigations projects, canals, laying of transmission lines and distribution lines above 33 KV, roads of more than five meter width and collection of boulders, gravel and sand from the river beds will be treated as regulated activities and which will be permissible only after obtaining environment clearance and clearance of the Standing Committee, National Board for

prohibited activities or regulated activities will be treated as permissible activities.

15. The concerned State / UT will be at liberty to shift a protected area from a lower category to higher category (say from Category-C to Category-B) after considering the importance of the protected area on account of:

- i) presence of flagship species / endangered species such as Tiger, Lion, Elephant, Rhino, Snow Leopard, Red Panda, Hangul, Musk deer, Great Indian Bustard, Lion Tailed Macaque, floricans;
- ii) fragile eco-system such as Western Ghats, North Eastern States, areas having high altitude flora and fauna, rain forest, mangroves, marine eco-system;
- iii) World Heritage sites; and
- iv) Wetland eco-systems

16. The concerned State / UT Governments may after detailed examination of the status of habitation, existing industries and other activities and other relevant factors,

category to a lower category. They may also forward the proposal(s) for exclusion of the areas of cities falling within the Safety Zone. The MoEF thereafter will examine such proposals and place such proposals before the Standing Committee of the National Board for Wildlife for its consideration. The proposals cleared by the Standing Committee of the NBWL will be placed before this Hon'ble Court for seeking its permission. It is only after obtaining the permission of this Hon'ble Court that a protected area may be shifted from a higher category to a lower category.

17. The Safety Zones (eco-sensitive zones) around National Parks and Wildlife Sanctuaries will be in addition to the following eco-sensitive zones notified by the MoEF (and by other notifications, if any):

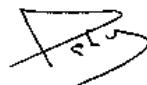
- i) S.O. 20(E), (6/1/1989) – Prohibiting industries on Murud-Janijira, District Raigadh, Maharashtra;
- ii) S.O. 102(E), (1/2/1989) – Restricting location of industries, mining & other activities in Doon Valley (UP);
- iii) S.O.416(E), (20/6/1991) – Dahanu Taluka,

- iv) S.O.319(E), (7/5/1992) – Restricting certain activities causing environmental degradation at Aravalli Range;
- v) S.O.481(E), (5/7/1996) – No Development Zone at Numaligarh, East of Kaziranga;
- vi) S.O.884(E), (19/12/1996) – Dahanu Taluka Environment Protection Authority, 1996, amended 2001;
- vii) S.O.350(E), (13/5/1998) - Order constituting the Taj Trapezium Zone Pollution (Prevent and Control) Authority;
- viii) S.O.825(E), (17.9.1998) – Pachmarhi Region as an Eco-Sensitive Zone;
- ix) S.O.52(E), (17/1/2001) – Mahabaleswar Panchgani Region as an Eco-Sensitive Zone;
- x) S.O.133 (E), (4/2/2003) – Matheran and surrounding region as an Eco-Sensitive Zone
  - 1. S.O.83 (E), (16/01/2004) – Amendments to S.O. 133(E) dated 4/2/2003;

xii) S.O.1260(E), (31/05/2012) – Girnar Reserve  
Forest as Eco-Sensitive Zone.

18. It is respectfully submitted that the above proposals are submitted in the back-drop of inordinate delay that has taken place in the identification and declaration of Safety Zones around National Parks / Wildlife Sanctuaries and so as to ensure that the process of such declarations do not remain pending indefinitely.

This Hon'ble Court may please consider the above Note and may please pass appropriate order in the matter.



(M.K. Jiwrajka)  
Member Secretary

Dated: 20<sup>th</sup> September, 2012

# ANNEXURE-N-1

## List of Protected Areas of India (as on 01.09.2011)

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Sl.No.	Name of State/Protected Area	Date of Notif.	Area (sq km)	District(s)
<b>Andaman &amp; Nicobar Islands</b>				
1	Campbell Bay NP	22.11.96	426.230	Nicobar
2	Galathea Bay NP	18.3.92	110.000	Nicobar
3	Mahalama Gandhi Marine (Wandoor) NP	18.10.99	281.500	Andaman
4	Middle Button Island NP	28.11.96	0.440	Andaman
5	Mount Harriett NP	28.11.96	46.620	Andaman
6	North Button Island NP	28.11.96	0.440	Andaman
7	Rani Jhansi Marine NP	12.11.96	256.140	Andaman
8	Saddle Peak NP	28.11.96	32.540	Andaman
9	South Button Island NP	28.11.96	0.030	Andaman
1	Arial Island WLS	16.2.87	0.050	Andaman
2	Bamboo Island WLS	16.2.87	0.050	Andaman
3	Bamen Island WLS	29.8.97	8.100	Andaman
4	Battimalv Island WLS	00.01.85	2.230	Nicobar
5	Belle Island WLS	16.2.87	0.080	Andaman
6	Benett Island WLS	16.2.87	3.460	Andaman
7	Bingham Island WLS	16.2.87	0.080	Andaman
8	Blister Island WLS	16.2.87	0.260	Andaman
9	Bluff Island WLS	16.2.87	1.140	Andaman
10	Bondoville Island WLS	16.2.87	2.550	Andaman
11	Brush Island WLS	16.2.87	0.230	Andaman
12	Buchanan Island WLS	16.2.87	9.330	Andaman
13	Chanel Island WLS	16.2.87	0.130	Andaman
14	Cinque Islands WLS	16.2.87	9.510	Andaman
15	Clyde Island WLS	16.2.87	0.540	Andaman
16	Cone Island WLS	16.2.87	0.650	Andaman
17	Curlew (B.P.) Island WLS	16.2.87	0.180	Andaman
18	Curlew Island WLS	16.2.87	0.030	Andaman
19	Cuthbert Bay WLS	24.4.97	5.820	Andaman
20	Defence Island WLS	16.2.87	10.490	Andaman
21	Dot Island WLS	16.2.87	0.130	Andaman
22	Dotrell Island WLS	16.2.87	0.130	Andaman
23	Duncan Island WLS	16.2.87	0.730	Andaman
24	East Island WLS	16.2.87	6.110	Andaman
25	East of Inglis Island WLS	16.2.87	3.550	Andaman
26	Egg Island WLS	16.2.87	0.050	Andaman
27	Elat Island WLS	16.2.87	9.360	Andaman
28	Entrance Island WLS	16.2.87	0.960	Andaman
29	Gander Island WLS	16.2.87	0.050	Andaman
30	Gijan Island WLS	16.2.87	0.160	Andaman
			11.440	Nicobar

38	Kyd Island WLS	16.2.87	8.000	Andaman
39	Landfall Island WLS	16.2.87	29.480	Andaman
40	Latouche Island WLS	16.2.87	0.960	Andaman
41	Lohabarrack (Saltwater Crocodile) WLS	16.2.87	22.210	Andaman
42	Mangrove Island WLS	16.2.87	0.390	Andaman
43	Mask Island WLS	16.2.87	0.780	Andaman
44	Mayo Island WLS	16.2.87	0.100	Andaman
45	Megapode Island WLS	16.2.87	0.120	Nicobar
46	Montgomery Island WLS	16.2.87	0.210	Andaman
47	Narcondam Island WLS	16.2.87	6.810	Andaman
48	North Brother Island WLS	16.2.87	0.750	Andaman
49	North Island WLS	16.2.87	0.490	Andaman
50	North Reef Island WLS	16.2.87	3.480	Andaman
51	Oliver Island WLS	16.2.87	0.160	Andaman
52	Orchid Island WLS	16.2.87	0.100	Andaman
53	Ox Island WLS	16.2.87	0.130	Andaman
54	Oyster Island-I WLS	16.2.87	0.080	Andaman
55	Oyster Island-II WLS	16.2.87	0.210	Andaman
56	Paget Island WLS	16.2.87	7.360	Andaman
57	Parkinson Island WLS	16.2.87	0.340	Andaman
58	Passage Island WLS	16.2.87	0.620	Andaman
59	Patric Island WLS	16.2.87	0.130	Andaman
60	Peacock Island WLS	16.2.87	0.520	Andaman
61	Pilman Island WLS	16.2.87	1.370	Andaman
62	Point Island WLS	16.2.87	3.070	Andaman
63	Potanma Islands WLS	16.2.87	0.160	Andaman
64	Ranger Island WLS	16.2.87	4.260	Andaman
65	Reef Island WLS	16.2.87	1.740	Andaman
66	Roper Island WLS	16.2.87	1.460	Andaman
67	Ross Island WLS	16.2.87	1.010	Andaman
68	Rowe Island WLS	16.2.87	0.010	Andaman
69	Sandy Island WLS	16.2.87	1.580	Andaman
70	Sea Serpent Island WLS	16.2.87	0.780	Andaman
71	Shark Island WLS	16.2.87	0.600	Andaman
72	Shearme Island WLS	16.2.87	7.650	Andaman
73	Sir Hugh Rose Island WLS	16.2.87	1.060	Andaman
74	Sisters Island WLS	16.2.87	0.360	Andaman
75	Snake Island-I WLS	16.2.87	0.730	Andaman
76	Snake Island-II WLS	16.2.87	0.030	Andaman
77	South Brother Island WLS	16.2.87	1.240	Andaman
78	South Reef Island WLS	16.2.87	1.170	Andaman
79	South-Sentinel Island WLS	16.2.87	1.610	Andaman
80	Spike Island-I WLS	16.2.87	0.420	Andaman
81	Spike Island-II WLS	16.2.87	11.700	Andaman
82	Stoat Island WLS	16.2.87	0.440	Andaman

89	Tillongchang Island WLS	16.2.87	16.830	Nicobar
90	Tree Island WLS	16.2.87	0.030	Andaman
91	Trilby Island WLS	16.2.87	0.960	Andaman
92	Tuft Island WLS	16.2.87	0.290	Andaman
93	Turtle Islands WLS	16.2.87	0.390	Andaman
94	West Island WLS	16.2.87	6.400	Andaman
95	Wharf Island WLS	16.2.87	0.110	Andaman
96	White Cliff Island WLS	16.2.87	0.470	Andaman
	<b>Andhra Pradesh</b>			
1	Kasu Brahmananda Reddy NP	5.12.98	1,430	Hyderabad
2	Mahaveer Harina Vanasthali NP	5.10.94	14,590	Ranga Reddy
3	Mrugavani NP	21.7.78	3,600	Ranga Reddy
4	Papikonda NP	26.11.2008	1,012,860	East & West Godavari, Khammam
5	Rajiv Gandhi NP	2.8.2005	2,300	N.A.
6	Sri Venkateswara NP	22.5.98	353,520	Chittoor, Cuddapah
1	Coringa WLS	21.4.98	235,700	East Godavari
2	Eturnagaram WLS	17.8.99	806,150	Warangal
3	Gundla Brahmewaram WLS	9.4.90	1,194,000	Kurnool, Prakasam
4	Kambalakonda WLS	18.2.2002	71,390	Visekhapatnam
5	Koundinya WLS	22.7.98	357,600	Chittoor
6	Kawal WLS	14.7.99	892,230	Adilabad
7	Kinnersani WLS	3.5.99	635,410	Khammam
8	Kotleru WLS	5.10.99	308,550	West Godavari, Krishna
9	Krishna WLS	22.7.98	194,810	Krishna, Guntur
10	Lanja Madugu Siwaram WLS	22.6.98	29,810	Adilabad, Karimnagar
11	Manjeera Crocodile WLS	16.11.98	20,000	Medak
12	Nellapattu WLS	15.9.97	4,589	Nellore
13	Pakhal WLS	8.10.99	860,000	Warangal
14	Pocharam WLS	15.11.2000	130,000	Medak
15	Pranhita WLS	17.7.99	136,030	Adilabad
16	Pulicat Lake WLS	9.9.97	500,000	Nellore
17	Rajiv Gandhi (Negerjuna Sagar-Srisailam) WLS	27.6.98	3,568,090	Guntur, Prakasam, Kurnool, Nalgonda & Mahaboobnagar
18	Rollapadu WLS	17.7.98	6,140	Kurnool
19	Sri Lankamalleswara WLS	17.7.98	484,420	Cuddapah
20	Sri Penu Sila Narasimha WLS	4.10.97	1,030,850	Cuddapah, Nellore
21	Sri Venkateswara WLS	22.5.98	172,350	Cuddapah, Chittoor
	<b>Arunachal Pradesh</b>			
1	Mouling NP	30.12.88	483,000	Upper Siang
2	Namdapha NP	12.5.83	1,807,820	Changlang
1	D'Ering Memorial (Lali) WLS	23.8.78	190,000	Upper Siang
				Dibang Valley

9	Sessa Orchid WLS	19.7.82	100.000	West Kameng
10	Tale Valley WLS	14.7.95	337.000	Lower Subansiri
11	Yordi-Rabe Supse WLS	4.6.2007	397.000	West Siang
<b>Assam</b>				
1	Dibru-Saikhowa NP	1999	340.000	Tinsukia, Dibrugarh
2	Kaziranga NP	11.2.74	858.980	Golaghat, Nagaon, Sonitpur
3	Manas NP	7.9.90	500.000	Barpeta, Bongaigaon
4	Nameri NP	9.9.98	200.000	Sonitpur
5	Rajiv Gandhi Orang NP	8.4.99	78.810	Darrang, Sonitpur
1	Amchang WLS	19.6.2004	78.640	Kamrup
2	Barail WLS	19.6.2004	326.250	Cachar Karimgang
3	Barnadi WLS	1980	26.220	Darrang
4	Bherjan-Borajan-Padumoni WLS	13.10.99	7.220	Tinsukia
5	Burachapori WLS	11.7.95	44.060	Sonitpur
6	Chakrashila WLS	14.7.94	45.560	Dhubri
7	Dihing Patkai WLS	16.6.2004	111.190	Dibrugarh, Tinsukia
8	East Karbi Anglong WLS	27.7.2000	221.810	Karbi-Anglong
9	Garampani WLS	10.7.52	6.050	Karbi-Anglong
10	Hollongapar Gibbon WLS	29.7.97	20.980	Jorhat
11	North Karbi Anglong WLS	2000	96.000	Karbi-Anglong
12	Lawkhowa WLS	6.9.79	70.140	Nagaon
13	Marat Longri WLS	14.4.2003	451.000	Karbi-Anglong
14	Nambor WLS	27.7.2000	37.000	Karbi-Anglong
15	Nambor Doigruing WLS	13.8.2003	97.150	Karbi-Anglong
16	Porbitora WLS	16.7.87	38.810	Marigaon
17	Pani-Dihing Bird WLS	18.12.95	33.930	Sibsagar
18	Sonai Rupai WLS	4.9.98	220.000	Sonitpur
<b>Bihar</b>				
1	Valmiki NP	5.12.90	335.650	Pashchim Champaran
1	Barela Jheel Salim Ali Bird WLS	28.1.97	1.960	Vaishali
2	Bhimbandh WLS	7.5.76	681.990	Munger
3	Gautam Budha WLS	14.9.76	138.340	Gaya
4	Kanwarjheel WLS	1989	63.110	Begusarai
5	Kaimur WLS	20.7.79	1,342.000	Rohtas
6	Kusheshwar Asthan Bird WLS	5.7.94	29.170	Darbhanga
7	Nagi Dam WLS	22.7.87	1.920	Jamui
8	Nakti Dam WLS	22.7.87	3.330	Jamui
9	Pant (Rajgir) WLS	25.5.78	35.840	Nalanda
10	Udaipur WLS	5.3.78	8.870	Pashchim Champaran
11	Valmiki WLS	10.5.78	545.150	Pashchim Champaran
12	Wadimachila Gangetic Dolphin WLS	7.8.91	-	Bhagalpur

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1	Indravati (Kutru) NP	12.5.81	1,258.370	Dantewada
2	Kanger Valley NP	22.7.82	200.000	Bastar
3	Guru Ghasi Das (Sanjay) NP	23.9.81	1,440.705	Surguja, Koria
1	Achanakmar WLS	28.6.75	551.550	Bitaspur
2	Badalkhol WLS	28.8.75	104.450	Jashpur
3	Barnawapara WLS	21.7.76	244.660	Raipur
4	Bhairamgarh WLS	11.3.83	138.950	Dantewada
5	Bhoramdev WLS	2001	163.800	Kawardha
6	Sarangarh-Gomardha WLS	12.4.83	277.620	Raigarh
7	Pamed Wild Buffalo WLS	16.5.83	262.120	Dantewada
8	Semarsot WLS	20.2.78	430.360	Surguja
9	Sitanadi WLS	1.11.74	553.360	Dhamtari
10	Tamor Pingla WLS	20.2.78	608.530	Surguja
11	Udanti Wild Buffalo WLS	9.3.83	247.590	Raipur
<b>Dadra &amp; Nagar Haveli</b>				
1	Dadra & Nagar Haveli WLS	23.11.2000	92.160	DNH, Silvassa
<b>Daman &amp; Diu</b>				
1	Fudam WLS	11.1.91	2.180	Diu
<b>Delhi</b>				
1	Asola Bhatti (Indira Priyadarshini) WLS	9.10.86	27.820	Delhi
<b>Goa</b>				
1	Bhagwan Mahavir (Mollem) NP	13.4.78	107.000	North Goa
1	Bondla WLS	22.3.69	7.950	North Goa
2	Dr. Salim Ali Bird (Chorao) WLS	16.3.88	1.780	North Goa
3	Cotigao WLS	18.1.68	85.650	South Goa
4	Madej WLS	31.5.99	208.480	North Goa
5	Bhagwan Mahavir (Mollem) WLS	23.12.67	133.000	North Goa
6	Netravali WLS	31.5.99	211.050	South Goa
<b>Gujarat</b>				
1	Bansda NP	9.4.79	23.990	Valsad
2	Blackbuck NP	21.7.76	34.080	Bhavnagar
3	Gir NP	21.5.75	258.710	Junagadh
4	Marine (Gulf of Kachchh) NP	20.7.82	162.890	Jamnagar
1	Balaran Ambaji WLS	7.8.89	542.080	Banas Kantha
2	Barda WLS	12.2.79	192.310	Jamnagar, Porbandar
3	Gaga Great Indian Bustard WLS	24.11.88	3.330	Jamnagar
4	GTNP	18.9.65	1,153.420	Junagadh, Amreli

11	Khijadiya WLS	27.5.81	6.050	Jamnagar
12	Marine (Gulf of Kachchh) WLS	12.8.80	295.030	Jamnagar
13	Mitiyala WLS	7.2.2004	18.220	Amreli
14	Nal Sarovar Bird WLS	8.4.69	120.820	Ahmedabad, Surendragarh
15	Narayan Sarovar (Chinkara) WLS	7.9.95	444.230	Kachchh
16	Paniya WLS	16.6.89	39.630	Amreli
17	Porbandar Lake WLS	3.11.88	0.090	Porbander
18	Purna WLS	21.7.90	160.840	Dangs
19	Rampara Vidi WLS	18.11.88	15.010	Rajkot
20	Ratanmahal WLS	19.3.82	55.650	Dahod
21	Shoolpaneswar (Dhumkhali) WLS	19.3.82	607.700	Bharuch
22	Thol Lake WLS	18.11.88	6.990	Mahesana
23	Wild Ass WLS	12.1.73	4,953.710	Kachchh, Rajkot, Mahesana, Banas Kantha
24	Chhardihandhi Con. Res	9.7.2008	227.000	Kachchh
<b>Haryana</b>				
1	Kalesar NP	8.5.2003	46.820	Yamuna Nagar
2	Sultanpur NP	5.7.91	1.430	Gurgaon
1	Abubshahar WLS	27.11.87	115.300	Sirsa
2	Bhindawas WLS	7.5.86	4.120	Rohtak
3	Bir Shikargarh WLS	29.5.87	7.670	Panchkula
4	Chhichhila WLS	28.11.86	0.290	Kaithal
5	Kalesar WLS	18.12.92	54.060	Yamuna Nagar
6	Khaparwas WLS	1991	0.830	Jhajjar
7	Morni Hills (Khol-Hi-Raitan) WLS	10.12.2004	48.830	Panchkula
8	Nahar WLS	3.2.87	2.110	Rewari
1	Bir Bara Ban Con. Res.	11.10.2007	4.190	Jind
2	Saraswati Plantation Con. Res.	11.10.2007	44.530	Kurukshetra,Kaithal
<b>Himachal Pradesh</b>				
1	Great Himalayan NP	22.4.94	754.500	Kullu
2	Inderkilla NP	27.7.2010	104.000	Kullu
3	Khirganga NP	27.7.2010	710.000	Kullu
4	Pin Valley NP	9.1.87	875.000	Lahul & Spiti
5	Simbalbara NP	27.7.2010	27.880	Sirmaur
1	Bandli WLS	27.3.74	41.000	Mandi
2	Chail WLS	21.3.76	109.000	Solan
3	Chandratil WLS	14.5.2007	38.560	Lahul & Spiti
4	Churdhar WLS	18.11.85	66.000	Sirmaur
5	Daranghali WLS	21.3.74	178.120	Shimla
6	Darlaghat WLS	18.11.91	6.000	Solan
7	Dhauladhar WLS	14.12.94	1,154.850	Kangra
8	Gamoul Sivabehi WLS	27.3.74	124.000	Chamba

15	Kugti WLS	27.3.74	414.300	Chamba
16	Lippa Asrang WLS	7.9.2001	349.000	Kinnaur
17	Majathal WLS	27.3.74	57.550	Solan
18	Manali WLS	1.5.84	32.000	Kullu
19	Nargu WLS	27.3.74	318.000	Kullu
20	Pong Dam Lake WLS	9.7.98	307.000	Kangra
21	Renukaji WLS	25.3.87	4.500	Sirmaur
22	Rupi Bhaba WLS	7.9.2001	738.000	Kinnaur
23	Sainj WLS	22.2.94	90.000	Kullu
24	Sangla Valley (Raksham Chikul) WLS	31.5.89	304.000	Kinnaur
25	Sech Tuan Nala WLS	27.3.74	443.270	Chamba
26	Shikari Devi WLS	1962	72.000	Mandi
27	Shilli WLS	27.3.74	2.000	Solan
28	Shimla Water Catchment WLS	14.12.82	10.000	Shimla
29	Shri Nainadevi WLS	27.3.74	123.000	Bilaspur
30	Talra WLS	27.3.74	46.080	Shimla
31	Tirthan WLS	26.12.97	61.000	Kullu
32	Tundah WLS	17.9.75	64.000	Chamba
	<b>Jammu &amp; Kashmir</b>			
1	City Forest (Salim Ali) NP	27.7.86	9.000	Srinagar
2	Dachigam NP	4.2.81	141.000	Srinagar/ Pulwama
3	Hemis NP	19.3.87	3,350.000	Leh
4	Kishtwar NP	10.4.90	425.000	Doda
1	Baltal-Thajwas WLS	19.3.87	210.500	Srinagar
2	Changthang WLS	19.3.87	4,000.000	Leh
3	Gulmarg WLS	19.3.87	180.000	Baramulla
4	Hirapora WLS	19.3.87	110.000	Baramulla
5	Hokersar WLS	1992	13.750	Srinagar
6	Jasrota WLS	19.3.87	25.750	Kathua
7	Karakoram (Nubra Shyok) WLS	19.3.87	5,000.000	Leh
8	Lachipora WLS	19.3.87	80.000	Baramulla
9	Limber WLS	19.3.87	26.000	Baramulla
10	Nandni (Nandini) WLS	19.3.87	33.340	Jammu
11	Overa-Aru WLS	19.3.87	425.000	Anantnag
12	Rajparian (Daksum) WLS	2002	20.000	Anantnag
13	Ramnagar Rakha WLS	10.4.90	31.500	Jammu
14	Surinsar Mansar WLS	10.4.90	55.500	Jammu
15	Trikuta WLS	14.2.81	31.770	Jammu
1	Ajas (WL) Con R	NA	1.000	Bandipora
2	Ajas Con R	NA	48.000	Bandipora
3	Bahu Con R	NA	19.750	Jammu
4	Boodh Karbu Con R	NA	12.000	Kargil
		NA	15.750	Srinagar

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11	Khanagund Con R	NA	15.000	Pulwama
12	Khimber/Dera/Sharazbal Con R	NA	34.000	Srinagar
13	Khiram Con R	NA	15.750	Anantnag
14	Khonmoh Con R	NA	67.000	Pulwama
15	Khrew Con R	NA	50.250	Pulwama
16	Kukarlan (WL) Con R	NA	24.250	Jammu
17	Malgam (WL) Con R	NA	4.500	Baramula
18	Manibugh (WL) Con R	NA	4.500	Pulwama
19	Mirgund (WL) Con R	NA	4.000	Budgam
20	Naganari Con R	NA	22.250	Baramula
21	Nanga (WL) Con R	NA	15.250	Jammu
22	Narkara (WL) Con R	NA	3.250	Budgam
23	Norrichain (WL) Con R	NA	2.000	Leh
24	Panyar Con R	NA	10.000	Pulwama
25	Pargwal (WL) Con R	NA	49.250	Jammu
26	Sabu Con R	NA	15.000	Leh
27	Sangral-Asa Chak (WL) Con R	NA	7.000	Jammu
28	Shaliabugh (WL) Con R	NA	16.000	Srinagar
29	Shikargah Con R	NA	15.500	Pulwama
30	Sudhrimahadev Con R	NA	142.250	Udhampur
31	Thein (WL) Con R	NA	19.000	Kathua
32	Tsomoiri (Ramsar Site) (WL) Con R	NA	120.000	Leh
33	Wangai/Chaterkul Con R	NA	12.000	Srinagar
34	Zaloora, Harwan Con R	NA	25.250	Srinagar
	<b>Jharkhand</b>			
1	Bella NP	10.9.86	225.330	Latehar
1	Dalma WLS	13.7.76	193.220	East Singhbhum, Saraikele
2	Hazaribagh WLS	24.5.76	186.250	Hazaribagh
3	Gautam Budha	14.9.76	121.140	Koderma, Hazaribagh
4	Koderma WLS	25.1.85	177.350	Koderma
5	Lawalong WLS	7.8.78	211.030	Chatra
6	Mahaudanri WLS	23.6.76	63.260	Latehar
7	Palamu WLS	14.7.76	752.940	Latehar
8	Palkot WLS	22.3.90	182.830	Gumla, Simdega
9	Parashath WLS	21.8.84	49.330	Giridih
10	Topchanchi WLS	3.6.78	12.820	Dhanbad
11	Udhwia Lake WLS	17.8.91	5.650	Sahibganj
	<b>Karnataka</b>			
1	Anshi NP	8.1.75	250.000	Uttara Kannada
2	Bandipur NP	5.6.74	874.200	Mysore, Chamrajanager
3	Bannerghatta NP	6.9.74	104.270	Bangalore
4	Kudremukh NP	2.9.87	600.320	Dakshin Kannada, Udupi, Chikmagalur

5	Bhimgad WLS	2010	131.671	Belgaum
6	Biligiri Rangaswamy Temple (B.R.T.) WLS	14.1.74	539.520	Chamarajanagar
7	Brahmagiri WLS	5.6.74	181.290	Kodagu
8	Cauvery WLS	14.1.87	510.520	Mysore, Bangalore, Mandya
9	Dandeli WLS	8.1.75	475.010	Uttara Kannada
10	Daroji Bear WLS	17.10.94	55.870	Bellary or Dharwar
11	Ghataprabha Bird WLS	17.6.74	29.790	Belgaum
12	Gudavi WLS	10.7.89	0.730	Shimoga
13	Malkote Temple WLS	17.6.74	49.820	Mysore
14	Mookambika WLS	17.6.74	247.000	Udipi
15	Nugu WLS	17.5.74	30.320	Mysore
16	Pushpagirli WLS	2.9.87	102.960	Kodagu, Dakshina Kannada
17	Ranebennur Black Buck WLS	17.6.74	119.000	Dharwad
18	Ranganathitu Bird WLS	1.7.40	0.670	Mysore
19	Sharavathi Valley WLS	27.6.74	431.230	Shimoga
20	Shettihalli WLS	23.11.74	395.600	Shimoga
21	Someshwara WLS	5.6.74	88.400	Udipi
22	Talakaveri WLS	2.9.87	105.010	Kodagu
1	Banakapur Con. Res.	9.6.2006	0.563	Haveri
2	Jayamangali Blackbuck Con. Res.	15.2.2007	3.233	Tumkur
1	Kokkare Bellur Com. Res.	13.9.2007	3.124	Mysore
	<b>Kerala</b>			
1	Ahamudi Shola NP	27.12.2003	7.500	Idukki
2	Ervikulam NP	31.1.78	97.000	Idukki
3	Mathikettan Shola NP	20.1.03	12.820	Idukki
4	Pambadum Shola NP	26.12.03	1.318	Idukki
5	Periyar NP	27.10.82	350.000	Idukki and Quilon
6	Silent Valley NP	23.11.84	88.520	Palakkad
1	Aralam WLS	15.10.84	55.000	Kannur
2	Chimmony WLS	25.8.84	10.000	Thrissur
3	Chinnar WLS	1984	90.440	Idukki
4	Öhulanur Peafowl WLS	15.5.2007	3.420	Thrissur and Palakkad
5	Idukki WLS	9.2.76	70.000	Idukki
6	Kurinjimala WLS	8.10.2006	32.000	Idukki
7	Malabar WLS	2010	74.215	Kozhikode
8	Mangalavanam Bird WLS	31.8.2004	0.027	Ernakulam
9	Neyyar WLS	6.8.58	126.000	Thiruvananthapuram
10	Parambikulam WLS	10.5.85	285.000	Palakkad
11	Peechi-Vazhani WLS	6.8.58	125.000	Thrissur
12	Peppara WLS	21.12.83	53.000	Thiruvananthapuram
13	Periyar WLS	21.1.75	427.000	Idukki
14	Shendurney WLS	26.8.84	100.320	Quilon
15	Thattekad Bird WLS	27.8.83	25.000	Idukki
16	Wavanad WLS	30.5.73	344.440	Wayanad

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<b>Madhya Pradesh</b>				
1	Bandhavgarh NP	24.3.68	448.850	Umaria, Kali
2	Fossil NP	5.5.83	0.270	Mandla
3	Kanha NP	1955	940.000	Mandla, Balaghat, Dindori
4	Madhav NP	21.5.56	375.220	Shivpuri
5	Panna NP	22.7.82	542.670	Panna, Chhattarpur
6	Pench (Priyadarshini) NP	1.3.83	292.850	Seoni, Chhindwara
7	Sanjay NP	23.9.81	468.880	Sidhi
8	Satpura NP	13.10.81	585.170	Hoshangabad
9	Van Vihar NP	16.9.81	4.450	Bhopal
1	Bagdara WLS	15.2.78	478.000	Sidhi
2	Bori WLS	1.8.77	485.720	Hoshangabad
3	Gandhi Sagar WLS	28.2.83	388.620	Mandsaur & Neemuch
4	Ghatigaon WLS	21.5.81	511.000	Gwalior
5	Karera WLS	21.5.81	202.210	Shivpuri
6	Ken Gharial WLS	20.10.81	45.200	Panna, Chhattarpur
7	Kheoni WLS	5.12.55	122.700	Dewas, Sehore
8	Narsighgarh WLS	25.2.74	59.190	Raigarh
9	National Chambal WLS	20.12.78	435.000	Morena, Bhind
10	Noradehi WLS	17.2.75	1,194.670	Damoh, Sagar, Nasirnagar
11	Orcha WLS	1994	44.910	Tikamgarh
12	Pachmarhi WLS	1.6.77	417.780	Hoshangabad
13	Kuno WLS	16.1.81	344.680	Morena
14	Panna (Gangau) WLS	1979	68.140	Panna
15	Panpatha WLS	4.8.83	245.840	Umaria
16	Pench WLS	30.9.77	118.470	Seoni, Chhindwara
17	Phen WLS	15.5.83	110.740	Mandla
18	Ratamandal WLS	9.2.89	2.340	Indore
19	Ratapani WLS	4.6.83	823.840	Raisen
20	Sailana WLS	4.6.83	12.980	Ratlam
21	Sanjay Dubri WLS	30.6.75	364.590	Sidhi
22	Sardarpur WLS	10.2.83	348.120	Dhar
23	Singhori WLS	2.7.76	287.910	Raisen
24	Son Gharial WLS	1.11.74	41.800	Sidhi, Shahdol, Satna
25	Veerangana Durgawati WLS	1997	23.970	Damoh
	<b>Maharashtra</b>			
1	Chandoli NP	2004	317.870	Sangli
2	Gugamal NP	27.11.87	361.280	Amravati
3	Nawegaon NP	22.11.75	133.880	Gondia
4	Pench NP	22.11.75	257.260	Nagpur
5	Sanjay Gandhi (Bonyilli) NP	4.2.83	86.960	Thane, Mumbai
6	Tadoba NP	9.4.55	116.550	Chandrapur

7	Chaprala WLS	25.2.86	134.780	Gadchiroli
8	Deolgaon-Rehkuri WLS	29.2.80	2.170	Ahmednagar
9	Dhyanganga WLS	7.5.97	205.230	Buldhana
10	Gautala WLS	25.2.86	260.610	Aurangabad, Jalgaon
11	Great Indian Bustard WLS	27.9.79	8,496.440	Solapur, Ahmednagar
12	Jaikwadi WLS	10.10.85	341.050	Aurangabad, Ahmednagar
13	Kalsubai Harishchandragad WLS	25.2.86	361.710	Ahmednagar
14	Karnala WLS	6.5.88	4.480	Raigad
15	Karanjaeschol WLS	7.12.2000	18.320	Akola
16	Kalepurna WLS	8.2.88	73.630	Akola, Washim
17	Koyana WLS	16.9.85	423.550	Satara
18	Lonar WLS	16.6.2000	1.170	Buldhana
19	Malvan Marine WLS	13.4.87	29.122	Sindhudurg
20	Mayureswar Supe WLS	19.8.87	5.150	Pune
21	Melghat WLS	5.9.85	778.750	Amravati
22	Nagzira WLS	3.6.70	152.810	Bhandara
23	Naigaon Mayur WLS	8.12.94	29.890	Beed
24	Nandur Madhameshwar WLS	25.2.86	100.120	Nashik
25	Narnala WLS	2.5.97	12.350	Akola
26	Painganga WLS	25.2.86	324.620	Yeotmal, Nanded
27	Phansad WLS	25.2.86	69.700	Raigad
28	Radhanagari WLS	2.12.58	351.160	Kolhapur
29	Sagareshwar WLS	16.9.85	10.870	Sangali
30	Tansa WLS	30.4.81	304.810	Thane
31	Tipashwar WLS	30.4.97	148.630	Yeotmal
32	Tungareeshwar WLS	24.10.2003	85.000	Thane
33	Yawal WLS	21.3.89	177.520	Jalgaon
34	Yedsi Ramlin Ghat WLS	16.5.97	22.380	Osmanabad
35	Wan WLS	29.7.97	211.000	Amravati
1	Bhorkada Con. Res.	2008	3.490	Nashik
	<b>Manipur</b>			
1	Keibul-Lamjao NP	28.3.77	40.000	Bishnupur
1	Yangoupokpi Lokchao WLS	21.3.89	184.400	Chandel
	<b>Meghalaya</b>			
1	Balphakram NP	15.2.86	220.000	South Garo Hills
2	Nokrek Ridge NP	2.11.85	47.480	East, West & South Garo Hills
1	Baghmara Pitcher Plant WLS	24.5.84	0.020	South Garo Hills
2	Nongkhyliem WLS	26.3.81	29.000	Ri Bhoi
3	Siju WLS	30.3.79	5.160	South Garo Hills
	<b>Mizoram</b>			Champhai
			400.000	

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4	Ngengpui WLS	8.7.91	110.000	Lawnglai
5	Pualreng WLS	29.7.2004	50.000	Kolasib
6	Tewi WLS	29.11.78	35.750	Aizawl
7	Thoranglang WLS	4.9.2001	50.000	Serchhip
8	Tokalo WLS	2007	250.000	Saita
	<b>Nagaland</b>			
1	Intanki NP	8.3.93	202.020	Dimapur
1	Fakim WLS	16.1.84	6.410	Tuensang
2	Puliebadze WLS	18.1.80	9.230	Kohima
3	Rangapahar WLS	17.6.88	4.700	Dimapur
	<b>Orissa</b>			
1	Bhitarkanika NP	30.12.88	145.000	Kendrapara
2	Simlipal NP	6.8.80	845.700	Mayurbhanj
1	Badrama WLS	17.12.87	304.030	Sambalpur
2	Baisipalli WLS	7.11.81	168.350	Nayagarh
3	Balukhand Konark WLS	23.4.84	71.720	Puri
4	Bhitarkanika WLS	22.7.75	525.000	Kendrapara
5	Chandaka Dampara WLS	21.12.82	175.700	Khurda, Cuttack
6	Chilika (Nalaban) WLS	17.12.87	15.530	Khurda, Puri, Ganjam
7	Debrigarh WLS	8.2.85	346.910	Sambalpur
8	Gahirmatha (Marine) WLS	27.9.97	1,435.000	Kendrapara
9	Hadgarh WLS	20.2.80	191.060	Keonjhar, Mayurbhanj
10	Karlapat WLS	15.10.82	147.660	Kalahandi
11	Khalasuni WLS	7.1.82	116.000	Sambalpur
12	Kotagarh WLS	3.12.81	399.500	Phulbani
13	Kudha WLS	4.1.84	272.750	Balesore
14	Lakhari Valley WLS	8.2.85	185.870	Gajapati
15	Nandankanan WLS	3.8.79	14.160	Khurda
16	Satkosia Gorge WLS	19.5.76	745.520	Angul, Boudh, Cuttack
17	Simlipal WLS	3.12.79	1,354.300	Mayurbhanj
18	Sunabeda WLS	10.5.88	500.000	Nuapada
	<b>Puducherry</b>			
1	Oussudu WLS	2008	3.900	Puducherry
	<b>Punjab</b>			
1	Abohar WLS	27.8.75	166.500	Firozpur
2	Bir Aishvan WLS	28.2.52	2.640	Sangrur
3	Bir Bhadson WLS	28.2.52	10.230	Patiala
4	Bir Bunerheri WLS	28.2.52	6.620	Patiala
5	Bir Dosanjh WLS	28.2.52	5.180	Patiala

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12	Takhni-Rehampur WLS	18.1.93	3.620	Hoshiaarpur
1	Keshopur Chhamb Com. Res.	25.6.2007	3.400	Gurdaspur
2	Lalwan Com. Res.	25.6.2007	12.670	Hoshiaarpur
1	Rakh Sarai Amanat Khan Con. Res.	31.3.2010	4.950	Taran Tarn
	<b>Rajasthan</b>			
1	Mukundra Hills (Darrah) NP	2003	200.540	Kota
2	Desert NP	6.8.80	3,162.000	Jaisalmer, Barmer
3	Keoadeo Ghana NP	27.8.81	28.730	Bharatpur
4	Ranthambore NP	1.11.80	282.000	Sawai Madhopur
5	Sariska NP	27.8.82	273.800	Alwar
1	Bandh Baratha WLS	7.10.85	199.500	Bharatpur
2	Bassi WLS	29.8.88	138.690	Chittaurgarh
3	Bhensroddgarh WLS	5.2.83	229.140	Chittaurgarh
4	Darrah WLS	7.11.55	80.750	Kota
5	Jaisamand WLS	7.11.55	52.000	Rajsamand
6	Jamwa Ramgarh WLS	31.5.82	300.000	Jaipur
7	Jawahar Sagar WLS	9.10.75	153.410	Kota
8	Kailadevi WLS	19.7.83	676.380	Sawai Madhopur
9	Kesarbagh WLS	1955	14.780	Dholpur
10	Kumbhalgarh WLS	13.7.71	608.580	Udaipur, Pali
11	Mount Abu WLS	7.4.80	112.980	Sirohi
12	Nahargarh WLS	22.9.80	50.000	Jaipur
13	National Chambal WLS	7.12.79	274.750	Kota
14	Phulwan Ki Nal WLS	6.10.83	892.680	Udaipur, Pali
15	Ramgarh Vishdhari WLS	20.5.82	252.790	Bundi
16	Ramsagar WLS	7.11.55	34.400	Dholpur
17	Sajjangarh WLS	7.2.87	5.190	Udaipur
18	Sariska WLS	7.11.55	219.000	Alwar
19	Sawaimadhopur WLS	N.A.	131.300	Sawai Madhopur
20	Sawai Man Singh WLS	30.11.84	103.250	Sawai Madhopur
21	Shergarh WLS	30.7.83	98.710	Kota
22	Silamata WLS	30.7.83	422.940	Chittaurgarh, Udaipur
23	Tal Chhapper WLS	13.7.71	7.190	Churu
24	Todgarh Raoli WLS	28.9.83	495.270	Ajmer, Rajsamand, Pali
25	Van Vihar WLS	7.11.55	25.600	Dholpur
1	Bisalpur Con Res	23.10.2008	48.310	Tonk
2	Jor Beed Gadwala Bikaner Con Res	2.12.2008	56.470	Bikaner
3	Sundha Mata Con Res	20.7.2010	117.489	Jalore, Sirohi
	<b>Sikkim</b>			
1	Khangchendzonga NP	26.6.77	1,784.000	North Sikkim
1	Barsey Rhododendron WLS	8.6.96	104.000	West Sikkim
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<b>Tamil Nadu</b>				
1	Guindy NP	22.5.78	2.820	Chennai
2	Gulf of Mannar Marine NP	3.3.80	6.230	Ramanathpuram, Tuticorin
3	Indira Gandhi (Annamalai) NP	23.1.89	117.100	Coimbatore
4	Mudumalai NP	2.1.90	103.230	Nilgiris
5	Mukurthi NP	15.10.90	78.460	Nilgiris
1	Chitrangudi Bird WLS	21.9.89	0.480	Ramanathpuram
2	Indira Gandhi (Annamalai) WLS	2.5.72	841.490	Coimbatore
3	Kalakad WLS	6.3.78	223.580	Tirunelveli
4	Kanjirankulam Bird WLS	21.9.89	1.040	Ramanathpuram
5	Kanyakumari WLS	16.7.2002	457.780	Kanyakumari
6	Karaivetti WLS	5.4.99	4.540	Perambalur
7	Karikili WLS	23.5.89	0.610	Kanchipuram
8	Kilaselvanur-Melaselvanur WLS	10.3.98	5.930	Ramanathpuram
9	Kuthankulam-Kadankulam WLS	30.11.94	1.290	Tirunelveli
10	Mudumalai WLS	27.1.40	217.760	Nilgiris
11	Mundanthurai WLS	21.3.77	567.380	Tirunelveli
12	Point Calimere WLS	13.6.67	17.260	Nagapattinam
13	Pulicat Lake WLS	22.9.80	153.670	Tiruvellore
14	Satyamangalam WS	3.11.2008	524.350	Erode
15	Srivilliputhur Grizzled Squirrel WLS	26.12.88	485.200	Virudhunagar
16	Udayamarthandapuram Lake WLS	17.1.91	0.450	Thiruvarur
17	Vaduvoor WLS	22.11.91	1.280	Thiruvarur
18	Vedanthangal WLS	1936	0.300	Chengalpet
19	Vellanadu (Blackbuck) WLS	28.9.87	16.410	Tuticorin
20	Vellonde WLS	30.6.97	0.770	Erode
21	Vettangudi WLS	3.6.77	0.380	Sivagangai
1	Tiruppadaimarathur Con. Res.	2005	0.028	Tirunelveli
<b>Tripura</b>				
1	Clouded Leopard NP	27.11.2007	5.080	West Tripura
2	Bison (Rajbari) NP	6.12.2007	31.630	South Tripura
1	Gumti WLS	1.12.88	389.540	South Tripura
2	Rowa WLS	20.8.88	0.858	North Tripura
3	Sepahijala WLS	12.2.87	13.453	West Tripura
4	Trishna WLS	12.2.87	183.078	South Tripura
<b>Uttar Pradesh</b>				
1	Dudhwa NP	21.1.77	490.000	Lakhimpur-Kheri
1	Bakhira WLS	5.5.90	28.940	Sant Kabir Nagar (Basti)
2	Chandraprabha WLS	24.5.57	78.000	Chandauli

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9	National Chambal WLS	20.1.77	635.000	Agra, Etawah
10	Nawabganj WLS	7.8.84	2.250	Unnao/ Lucknow
11	Okhala WLS	8.5.90	4.000	Ghaziabad
12	Parvati Aranga WLS	23.5.90	10.840	Gonda
13	Patna WLS	22.12.90	1.090	Etah
14	Ranipur WLS	24.1.77	230.310	Banda, Chitrakoot
15	Sarman Bird WLS	23.5.90	5.260	Mainpuri
16	Samaspur WLS	10.8.84	7.990	Rae Bareli
17	Sandi WLS	8.5.90	3.090	Hardoi
18	Sohagibarwa WLS	29.6.87	428.200	Maharajganj
19	Sohelwa WLS	14.11.88	452.470	Shrawasti, Balrampur
20	Sur Sarovar WLS	27.3.91	4.030	Agra
21	Surha Tal WLS	27.3.91	34.320	Ballia
22	Turtla WLS	21.12.89	7.000	Varanasi
23	Vijai Sagar WLS	26.6.90	2.520	Mahoba
	<b>Uttarakhand</b>			
1	Corbett NP	6.8.36	520.820	Nainital, Pauri Garhwal
2	Gangotri NP	16.9.89	2,390.020	Uttarkashi
3	Govind NP	26.2.90	472.080	Uttarkashi
4	Nanda Devi NP	6.9.82	624.600	Chamoli
5	Rajaji NP	12.8.83	820.420	Dehradun, Pauri Garhwal, Haridwar
6	Valley of Flowers NP	6.9.82	87.500	Chamoli
1	Askot Musk Deer WLS	30.7.86	599.930	Pithoragarh
2	Binsar WLS	25.5.88	45.590	Almora
3	Govind Pashu Vihar WLS	22.3.55	485.890	Uttarkashi
4	Kedarnath WLS	21.2.72	975.200	Chamoli, Rudraprayag
5	Mussoorie WLS	2.9.93	10.820	Dehradun
6	Sonanadi WLS	9.1.87	301.180	Pauri Garhwal
1	Asan Wetland Con. Res.	5.8.2005	4.444	Dehradun
2	Jhilmil Jheel Con. Res.	5.8.2005	37.835	Haridwar
	<b>West Bengal</b>			
1	Buxa NP	5.12.97	117.100	Jalpaiguri
2	Gorumara NP	1.1.98	79.450	Jalpaiguri
3	Neora Valley NP	2.12.92	88.000	Darjeeling
4	Singalila NP	2.12.92	78.600	Darjeeling
5	Sunderban NP	4.5.84	1,330.100	North & South 24-Paraganas
1	Baliavpur WLS	11.7.77	2.020	Birbhum
2	Bethuadahari WLS	19.8.98	0.670	Nadia
3	Bibhutibhusan WLS	19.8.98	0.640	North 24-Paraganas
4	Buxa WLS	6.10.90	368.990	Jalpaiguri
5	Choramari WLS	19.8.98	9.600	Jalpaiguri

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12	Raiganj WLS	11.485	1,300	North Dinajpur
13	Ramnabagan WLS	30.981	0,140	Burdwan
14	Sajnakhali WLS	24.676	362,400	South 24-Paraganas
15	Senchal WLS	19.898	36,880	Darjeeling

**ABSTRACT**

Particulars	Number	Total Area	%Geographic area of the country
National Parks (NPs)	102	39,589.110	1.31
Wildlife Sanctuaries (WLSS)	515	119,538.500	3.65
Community Reserves (Com. Res.)	4	20,620	0.00
Conservation Reserves (Con. Res.)	47	1,382,270	0.04
Total Protected Areas (PAs)	869	161,221.370	4.90

## ANNEXURE-Y-2

**Classification of National Park/Sanctuary on the basis of their areas (as on 01.09.2017)** 29

S.No.	Name of Protected Area	Date of Notif.	Area (sq km)	District(s)	State(s)
<b>CATEGORY-I Area up to 10 Sq. Km.</b>					
1	Vikramshila Gangetic Dolphin WLS	7.8.91	0.00	Bhagalpur	Bihar
2	Goose Island WLS	16.2.87	0.01	Andaman	A&N Island
3	Rowe Island WLS	16.2.87	0.01	Andaman	A&N Island
4	Pitti (Bird Island) WLS	6.2.2002	0.01	Lakshadweep	Lakshadweep
5	Baghmara Pitcher Plant WLS	24.5.84	0.02	South Garo Hills	Meghalaya
6	Mangalavanam Bird WLS	31.8.2004	0.03	Ernakulam	Kerala
7	City Bird WLS	29.9.88	0.03	Chandigarh	Chandigarh
8	South Button Island NP	28.11.96	0.03	Andaman	A&N Island
9	Curlew Island WLS	16.2.87	0.03	Andaman	A&N Island
10	Snake Island-II WLS	16.2.87	0.03	Andaman	A&N Island
11	Tree Island WLS	16.2.87	0.03	Andaman	A&N Island
12	Jorepokhri Salamander WLS	11.3.85	0.04	Darjeeling	West Bengal
13	Arial Island WLS	16.2.87	0.05	Andaman	A&N Island
14	Bamboo Island WLS	16.2.87	0.05	Andaman	A&N Island
15	Egg Island WLS	16.2.87	0.05	Andaman	A&N Island
16	Gander Island WLS	16.2.87	0.05	Andaman	A&N Island
17	Belle Island WLS	16.2.87	0.08	Andaman	A&N Island
18	Bingham Island WLS	16.2.87	0.08	Andaman	A&N Island
19	Oyster Island-I WLS	18.2.87	0.08	Andaman	A&N Island
20	Porbandar Lake WLS	3.11.88	0.09	Porbander	Gujarat
21	Mayo Island WLS	16.2.87	0.10	Andaman	A&N Island
22	Orchid Island WLS	16.2.87	0.10	Andaman	A&N Island
23	Chintamani Kar Bird Sanctuary	14.4.82	0.10	South 24-Paraganas	West Bengal
24	Wharf island WLS	16.2.87	0.11	Andaman	A&N Island
25	Megapode Island WLS	16.2.87	0.12	Nicobar	A&N Island
26	Chanel Island WLS	16.2.87	0.13	Andaman	A&N Island
27	Dot Island WLS	16.2.87	0.13	Andaman	A&N Island
28	Dottrell Island WLS	16.2.87	0.13	Andaman	A&N Island
29	Ox Island WLS	16.2.87	0.13	Andaman	A&N Island
30	Patric Island WLS	16.2.87	0.13	Andaman	A&N Island
31	Ramnabagan WLS	30.9.81	0.14	Burdwan	West Bengal
32	Curlew (B.P.) Island WLS	16.2.87	0.16	Andaman	A&N Island
33	Gijan Island WLS	16.2.87	0.16	Andaman	A&N Island
34	Oliver Island WLS	16.2.87	0.16	Andaman	A&N Island
35	Potanma Islands WLS	16.2.87	0.16	Andaman	A&N Island
36	Montogemery Island WLS	16.2.87	0.21	Andaman	A&N Island
37	Oyster Island-II WLS	16.2.87	0.21	Andaman	A&N Island
38	Brush Island WLS	16.2.87	0.23	Andaman	A&N Island
39	Blister Island WLS	16.2.87	0.26	Andaman	A&N Island
... 27 ...				Mandla	M.P.

46	Sisters Island WLS	16.2.87	0.36	Andaman	A&N Island
47	Vettangudi WLS	3.6.77	0.38	Siva-gangai	Tamil Nadu
48	Mangrove Island WLS	16.2.87	0.39	Andaman	A&N Island
49	Turtle Islands WLS	16.2.87	0.39	Andaman	A&N Island
50	Spike Island-I WLS	16.2.87	0.42	Andaman	A&N Island
51	Middle Button Island NP	28.11.96	0.44	Andaman	A&N Island
52	North Button Island NP	28.11.96	0.44	Andaman	A&N Island
53	Stoat Island WLS	16.2.87	0.44	Andaman	A&N Island
54	Udayamarthandapuram Lake WLS	17.1.91	0.45	Thiruvarur	Tamil Nadu
55	Hump Island WLS	16.2.87	0.47	Andaman	A&N Island
56	White Cliff Island WLS	16.2.87	0.47	Andaman	A&N Island
57	Chirrangudi Bird WLS	21.9.89	0.48	Ramanathpuram	Tamil Nadu
58	North Island WLS	16.2.87	0.49	Andaman	A&N Island
59	Jungle Island WLS	16.2.87	0.52	Andaman	A&N Island
60	Clyde Island WLS	16.2.87	0.54	Andaman	A&N Island
61	Kwangtung Island WLS	16.2.87	0.57	Andaman	A&N Island
62	Shark Island WLS	16.2.87	0.60	Andaman	A&N Island
63	Karikili WLS	23.5.89	0.51	Kanchipuram	Tamil Nadu
64	Passage Island WLS	16.2.87	0.62	Andaman	A&N Island
65	Peacock Island WLS	16.2.87	0.62	Andaman	A&N Island
66	Bibhutibhusan WLS	19.8.98	0.64	North 24-Paraganas	West Bengal
67	Cone Island WLS	16.2.87	0.65	Andaman	A&N Island
68	Ranganathittu Bird WLS	1.7.40	0.67	Mysore	Karnataka
69	Bethuadahari WLS	19.8.98	0.67	Nadia	West Bengal
70	Duncan Island WLS	16.2.87	0.73	Andaman	A&N Island
71	Snake Island-I WLS	16.2.87	0.73	Andaman	A&N Island
72	Gudavi WLS	10.7.89	0.73	Shimoga	Karnataka
73	North Brother Island WLS	16.2.87	0.75	Andaman	A&N Island
74	Vellode WLS	30.6.97	0.77	Erode	Tamil Nadu
75	Mask Island WLS	16.2.87	0.78	Andaman	A&N Island
76	Sea Serpent Island WLS	16.2.87	0.78	Andaman	A&N Island
77	Khaparwas WLS	1991	0.83	Jhajjar	Haryana
78	Adichunchunagiri WLS	21.10.81	0.84	Mandy	Karnataka
79	Rowa WLS	20.8.88	0.88	North Tripura	Tripura
80	Entrance Island WLS	16.2.87	0.96	Andaman	A&N Island
81	Lalouche Island WLS	16.2.87	0.96	Andaman	A&N Island
82	Trilby Island WLS	16.2.87	0.96	Andaman	A&N Island
83	Ross Island WLS	16.2.87	1.01	Andaman	A&N Island
84	Temple Island WLS	16.2.87	1.04	Andaman	A&N Island
85	Kanjirkulam Bird WLS	21.9.89	1.04	Ramanathpuram	Tamil Nadu
86	Sir Hugh Rose Island WLS	16.2.87	1.06	Andaman	A&N Island
87	Patna WLS	22.12.90	1.09	Etah	Uttar Pradesh
88	Bluff Island WLS	16.2.87	1.14	Andaman	A&N Island
89	Jhajjar Bacholi WLS	11.12.2003	1.16	Ropar	Punjab
90	Smith Reef Island WI S	16.2.87	1.17	Andaman	A&N Island

97	Pambadum Shola NP	26.12.03	1.32	Idukki	Kerala
98	Pitman Island WLS	16.2.87	1.37	Andaman	A&N Island
99	Kasu Brahmananda Reddy NP	5.12.98	1.43	Hyderabad	Andhra Pradesh
100	Sultanpur NP	5.7.91	1.43	Gurgaon	Haryana
101	Roper Island WLS	16.2.87	1.46	Andaman	A&N Island
102	Sandy Island WLS	16.2.87	1.56	Andaman	A&N Island
103	South Sentinel Island WLS	16.2.87	1.61	Andaman	A&N Island
104	Table (Excelsior) Island WLS	16.2.87	1.69	Andaman	A&N Island
105	Reef Island WLS	16.2.87	1.74	Andaman	A&N Island
106	Dr. Salim Ali Bird (Chorao) WLS	16.3.88	1.78	North Goa	Goa
107	Nagi Dam WLS	22.7.87	1.92	Jamui	Bihar
108	Barela Jheel Salim Ali Bird WLS	28.1.97	1.96	Vaishali	Bihar
109	Shilli WLS	27.3.74	2.00	Solan	H.P.
110	Balavpur WLS	11.7.77	2.02	Birbhum	West Bengal
111	Lala Great Indian Bustard WLS	7.8.95	2.03	Kachchh	Gujarat
112	James Island WLS	16.2.87	2.10	Andaman	A&N Island
113	Nahar WLS	3.2.87	2.11	Rewari	Haryana
114	Deolgaon-Rehkuri WLS	29.2.80	2.17	Ahmednagar	Maharashtra
115	Fudam WLS	11.1.91	2.18	Diu	D&D
116	Attiven WLS	3.10.94	2.22	Uttara Kannada	Karnataka
117	Batimalv Island WLS	00.01.85	2.23	Nicobar	A&N Island
118	Nawabganj WLS	7.8.84	2.25	Unnao/ Lucknow	Uttar Pradesh
119	Table (Delgarno) Island WLS	16.2.87	2.29	Andaman	A&N Island
120	Rajiv Gandhi NP	2.8.2005	2.30	N.A.	Andhra Pradesh
121	Ralamandal WLS	9.2.89	2.34	Indore	M.P.
122	Bondoville Island WLS	16.2.87	2.55	Andaman	A&N Island
123	Vijai Sagar WLS	26.6.90	2.62	Mahoba	Uttar Pradesh
124	Bir Aishvan WLS	28.2.52	2.64	Sangrur	Punjab
125	Guindy NP	22.5.76	2.82	Chennai	Tamil Nadu
126	Point Island WLS	16.2.87	3.07	Andaman	A&N Island
127	Sandi WLS	8.5.90	3.09	Hardoi	Uttar Pradesh
128	Talabaicha Island WLS	16.2.87	3.21	Andaman	A&N Island
129	Nakti Dam WLS	22.7.87	3.33	Jamui	Bihar
130	Gaga Great Indian Bustard WLS	24.11.88	3.33	Jamnagar	Gujarat
131	Chulanuru Peafowl WLS	15.5.2007	3.42	Krissur and Palakkad	Kerala
132	Benett Island WLS	16.2.87	3.46	Andaman	A&N Island
133	North Reef Island WLS	16.2.87	3.48	Andaman	A&N Island
134	East of Inglis Island WLS	16.2.87	3.55	Andaman	A&N Island
135	Mrugavani NP	21.7.78	3.60	Ranga Reddy	Andhra Pradesh
136	Takhnri-Rehampur WLS	18.1.93	3.82	Hoshiarpur	Punjab
137	Oussudu WLS	2008	3.90	Puducherry	Puducherry
138	Okhala WLS	8.5.90	4.00	Ghaziabad	Uttar Pradesh
139	Sur Sarovar WLS	27.3.91	4.03	Agra	Uttar Pradesh
140	Swamp Island WLS	16.2.87	4.09	Andaman	A&N Island
141	Bhindawas WLS	7.5.86	4.12	Rohilk	Haryana

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148	Rangapahar WLS	17.6.88	4.70	Dimapur	Nagaland
149	Clouded Leopard NP	27.11.2007	5.08	West Tripura	Tripura
150	Mayureswar Supe WLS	19.8.97	5.15	Pune	Maharashtra
151	Siju WLS	30.3.79	5.18	South Garo Hills	Meghalaya
152	Bir Dosanjh WLS	26.2.52	5.18	Patiala	Punjab
153	Sajjangarh WLS	7.2.87	5.19	Udaipur	Rajasthan
154	Saman Bird WLS	23.5.90	5.26	Mainpuri	Uttar Pradesh
155	Mahavir Swami WLS	25.3.77	5.41	Lalitpur	Uttar Pradesh
156	Udhwa Lake WLS	17.8.91	5.65	Sahebganj	Jharkhand
157	Cuthbert Bay WLS	24.4.97	5.82	Andaman	A&N Island
158	Kilaselvanur-Melaselvanur WLS	10.3.98	5.93	Ramanathapuram	Tamil Nadu
159	Holiday Island WLS	24.6.76	5.95	South 24-Paraganas	West Bengal
160	Darlaghat WLS	18.11.91	6.00	Solan	H.P.
161	Kitam WLS	3.2.2005	6.00	South Sikkim	Sikkim
162	Garampani WLS	10.7.52	6.05	Karbi-Anglong	Assam
163	Khijadiya WLS	27.5.81	6.05	Jamnagar	Gujarat
164	East Island WLS	16.2.87	6.11	Andaman	A&N Island
165	Rollapadu WLS	17.7.98	6.14	Kurnool	Andhra Pradesh
166	Bir Gurdialpura WLS	27.9.77	6.20	Patiala	Punjab
167	Gulf of Mannar Marine NP	3.3.80	6.23	Pathapuram, Tuticorin	Tamil Nadu
168	West Island WLS	16.2.87	6.40	Andaman	A&N Island
169	Fakir WLS	16.1.84	6.41	Tuensang	Nagaland
170	Hingolgadh Nature Reserve WLS	31.5.2008	6.54	Rajkot	Gujarat
171	Bir Motibagh WLS	28.2.52	6.54	Patiala	Punjab
172	Bir Bunerheri WLS	28.2.52	6.62	Patiala	Punjab
173	Narcondam Island WLS	16.2.87	6.81	Andaman	A&N Island
174	Thol Lake WLS	18.11.88	6.99	Mahesana	Gujarat
175	Turtle WLS	21.12.89	7.00	Varanasi	Uttar Pradesh
176	Tal Chhapper WLS	13.7.71	7.19	Churu	Rajasthan
177	Bherjan-Borajan-Padumoni WLS	13.10.99	7.22	Tinsukia	Assam
178	Padet Island WLS	16.2.87	7.36	Andaman	A&N Island
179	Anamudi Shola NP	27.12.2003	7.50	Idukki	Kerala
180	Kathlaur Kushlian WLS	18.9.2002	7.58	Gurdaspur	Punjab
181	Bir Shikargarh WLS	29.5.87	7.67	Panchkula	Haryana
182	Shearme Island WLS	16.2.87	7.85	Andaman	A&N Island
183	Bondla WLS	22.3.69	7.95	North Goa	Goa
184	Samaspur WLS	10.6.84	7.99	Rae Bareli	Uttar Pradesh
185	Kyd Island WLS	16.2.87	8.00	Andaman	A&N Island
186	Barren Island WLS	29.8.97	8.10	Andaman	A&N Island
187	Udaipur WLS	5.3.78	8.87	Shchim Champaran	Bihar
188	City Forest (Salim Ali) NP	27.7.86	9.00	Srinagar	J&K
189	Pullebadze WLS	18.1.80	9.23	Kohima	Nagaland
190	Buchanan Island WLS	16.2.87	9.33	Andaman	A&N Island
191	Elat Island WLS	16.2.87	9.38	Andaman	A&N Island
		16.2.87	9.51	Andaman	A&N Island

**CATEGORY-II Area between 10-50 Sq. Km.**

196	Bir Bhadson WLS	28.2.52	10.23	Patiala	Punjab
197	Defence Island WLS	16.2.87	10.49	Andaman	A&N Island
198	Mussoorie WLS	2.9.93	10.82	Dehradun	Uttarakhand
199	Parvati Aranga WLS	23.5.90	10.84	Gonda	Uttar Pradesh
200	Sagareshwar WLS	16.9.85	10.87	Sangali	Maharashtra
201	Galathea Bay WLS	16.2.87	11.44	Nicobar	A&N Island
202	Spike Island-II WLS	16.2.87	11.70	Andaman	A&N Island
203	Namala WLS	2.5.97	12.35	Akola	Maharashtra
204	Topchanchi WLS	3.6.78	12.82	Dhanbad	Jharkhand
205	Mathikettan Shola NP	20.1.03	12.82	Idukki	Kerala
206	Sailana WLS	4.6.83	12.96	Ratlam	M.P.
207	Sepahijala WLS	12.2.87	13.45	West Tripura	Tripura
208	Arabihittu WLS	30.4.85	13.50	Mysore	Karnataka
209	Hokersar WLS	1992	13.75	Srinagar	J&K
210	Kais WLS	31.12.97	14.00	Kullu	H.P.
211	Nandankanan WLS	3.8.79	14.16	Khurda	Orissa
212	Mahaveer Harina Vanasthalı NP	5.10.94	14.59	Ranga Reddy	Andhra Pradesh
213	Kesarbagh WLS	1955	14.76	Dholpur	Rajasthan
214	Rampara Vidi WLS	18.11.88	15.01	Rajkot	Gujarat
215	Chilika (Nalaban) WLS	17.12.87	15.53	Khurda, Puri, Ganjam	Orissa
216	Vellanaldu (Blackbuck) WLS	28.9.87	16.41	Tuticorin	Tamil Nadu
217	Tillongchang Island WLS	16.2.87	16.83	Nicobar	A&N Island
218	Point Calimere WLS	13.6.67	17.26	Nagapattinam	Tamil Nadu
219	Mitiyala WLS	7.2.2004	18.22	Amreli	Gujarat
220	Karanjasohol WLS	7.12.2000	18.32	Akola	Maharashtra
221	Manjeera Crocodile WLS	16.11.98	20.00	Medak	Andhra Pradesh
222	Rajparian (Daksum) WLS	2002	20.00	Ananthnag	J&K
223	Hollongapar Gibbon WLS	29.7.97	20.98	Jorhat	Assam
224	Lohabarrack (Saltwater Crocodile) WLS	16.2.87	22.21	Andaman	A&N Island
225	Yedsi Ramlin Ghat WLS	16.5.97	22.38	Osmanabad	Maharashtra
226	Khokhan WLS	1.5.84	22.45	Kullu	H.P.
227	Veerangna Durgawati WLS	1997	23.97	Damoh	M.P.
228	Bansda NP	9.4.79	23.99	Valsad	Gujarat
229	Thattekad Bird WLS	27.8.83	25.00	Idukki	Kerala
230	Van Vihar WLS	7.11.55	25.60	Dholpur	Rajasthan
231	Jasrota WLS	19.3.87	25.75	Kathua	J&K
232	Sukhna Lake WLS	6.3.98	25.98	Chandigarh	Chandigarh
233	Limber WLS	19.3.87	26.00	Baramulla	J&K
234	Barnadi WLS	1980	26.22	Darrang	Assam
235	Asola Bhatti (Indira Priyadarshini) WLS	9.10.86	27.82	Delhi	Delhi
236	Simbalbara NP	27.7.2010	27.88	Sirmaur	H.P.
237	Keoladeo Ghana NP	27.8.81	28.73	Bharatpur	Rajasthan
238	Dalhousie WLS	5.5.90	28.94	Kabir Nagar (Basti)	Uttar Pradesh

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				Beed	Maharashtra
245	Naigaon Mayur WLS	8.12.94	29.89		
246	Nugu WLS	17.6.74	30.32	Mysore	Karnataka
247	Kane WLS	11.4.2007	31.00	West Siang	Arunachal Pradesh
248	Kyongnosla Alpine WLS	5.12.92	31.00	East Sikkim	Sikkim
249	Ramnagar Rakha WLS	10.4.90	31.50	Jammu	J&K
250	Bison (Rajbari) NP	6.12.2007	31.63	South Tripura	Tripura
251	Trikuta WLS	14.2.81	31.77	Jammu	J&K
252	Manali WLS	1.5.84	32.00	Kullu	H.P.
253	Kurinjimala WLS	6.10.2006	32.00	Idukki	Kerala
254	Saddle Peak NP	28.11.96	32.54	Andaman	A&N Island
255	Nandni (Nandini) WLS	19.3.87	33.34	Jammu	J&K
256	Pani-Dihing Bird WLS	18.12.95	33.93	Sibsagar	Assam
257	Blackbuck NP	21.7.76	34.08	Bhavnagar	Gujarat
258	Surha Tal WLS	27.3.91	34.32	Ballia	Uttar Pradesh
259	Ramsagar WLS	7.11.55	34.40	Dholpur	Rajasthan
260	Khawnglung WLS	8.7.91	35.00	Serchhip	Mizoram
261	Maenam WLS	9.3.87	35.34	South Sikkim	Sikkim
262	Tawi WLS	29.11.78	35.75	Aizawl	Mizoram
263	Pant (Rajgir) WLS	25.5.78	35.84	Nalanda	Bihar
264	Nambor WLS	27.7.2000	37.00	Karbi-Anglong	Assam
265	Loithian Island WLS	19.8.98	38.00	South 24-Paraganas	West Bengal
266	Chandratal WLS	14.5.2007	38.56	Lahul & Spiti	H.P.
267	Porbitora WLS	16.7.87	38.81	Mariagon	Assam
268	Senchal WLS	19.8.98	38.88	Darjeeling	West Bengal
269	Paniya WLS	16.6.89	39.63	Amreli	Gujarat
270	Keibul-Lamjao NP	26.3.77	40.00	Bishnupur	Manipur
271	Bandli WLS	27.3.74	41.00	Mandi	H.P.
272	Son Gharial WLS	1.11.74	41.80	Shahdol, Satna	M.P.
273	Shingba (Rhododendron) WLS	5.12.92	43.00	North Sikkim	Sikkim
274	Burachapori WLS	11.7.95	44.06	Sonitpur	Assam
275	Orcha WLS	1994	44.91	Tikamgarh	M.P.
276	Ken Gharial WLS	20.10.81	45.20	Panna, Chhatarpur	M.P.
277	Chakrashila WLS	14.7.94	45.56	Dhubri	Assam
278	Binsar WLS	25.5.86	45.59	Almora	Uttarakhand
279	Talra WLS	27.3.74	46.08	Shimla	H.P.
280	Mount Harriett NP	28.11.96	46.62	Andaman	A&N Island
281	Kalesar NP	8.5.2003	46.82	Yamuna Nagar	Haryana
282	Nokrek Ridge NP	2.11.85	47.46	I & South Garo Hills	Meghalaya
283	Morni Hills (Khol-Hi-Raitan) WLS	10.12.2004	48.83	Panchkula	Haryana
284	Parasnath WLS	21.8.84	49.33	Gindih	Jharkhand
285	Melkote Temple WLS	17.8.74	49.82	Mandy	Karnataka
286	Phawngpui Blue Mountain NP	22.7.97	50.00	Lawngtlai	Mizoram
287	Pualreng WLS	29.7.2004	50.00	Kolasib	Mizoram
288	Thorangtlang WLS	4.9.2001	50.00	Serchhip	Mizoram
		50.00		Jaipur	Rajasthan

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**CATEGORY-III Area between 50-100 Sq. Km.**

290	Fambong Lho WLS	2.4.84	51.76	East Sikkim	Sikkim
291	Jaisamand WLS	7.11.55	52.00	Rajsamand	Rajasthan
292	Peppara WLS	21.12.83	53.00	Hiruvananthapuram	Kerala
293	Kalesar WLS	18.12.92	54.06	Yamuna Nagar	Haryana
294	Aralam WLS	15.10.84	55.00	Kannur	Kerala
295	Surinsar Mansar WLS	10.4.90	55.50	Jammu	J&K
296	Ratanmahal WLS	19.3.82	55.65	Dahod	Gujarat
297	Daroji Bear WLS	17.10.94	55.87	Bellary or Dharwar	Karnataka
298	Majathal WLS	27.3.74	57.55	Solan	H.P.
299	Narsigharh WLS	25.2.74	59.19	Raigarh	M.P.
300	Lengleng WLS	8.4.99	60.00	Champhai	Mizoram
301	Tirthan WLS	26.12.97	61.00	Kullu	H.P.
302	Bor WLS	27.11.70	61.10	Wardha, Nagpur	Maharashtra
303	Kanwarjheel WLS	1989	63.11	Begusarai	Bihar
304	Mahauadani WLS	23.6.76	63.26	Latehar	Jharkhand
305	Tundah WLS	17.9.75	64.00	Chamba	H.P.
306	Churdhar WLS	18.11.85	66.00	Sirmaur	H.P.
307	Panna (Gangau) WLS	1979	68.14	Panna	M.P.
308	Kalatop-Khajjar WLS	26.9.89	69.00	Chamba	H.P.
309	Phansad WLS	25.2.86	69.79	Raigad	Maharashtra
310	Idukki WLS	9.2.76	70.00	Idukki	Kerala
311	Lawkhowa WLS	6.9.79	70.14	Nagaon	Assam
312	Kambalakonda WLS	18.2.2002	71.39	Visakhapatnam	Andhra Pradesh
313	Balukhand Konark WLS	23.4.84	71.72	Puri	Orissa
314	Shikari Devi WLS	1962	72.00	Mandi	H.P.
315	Katepurna WLS	8.2.88	73.63	Akola, Washim	Maharashtra
316	Malabar WLS	2010	74.22	Kozhikode	Kerala
317	Chandraprabha WLS	24.5.57	78.00	Chandauli	Uttar Pradesh
318	Mukurthi NP	15.10.90	78.46	Nilgiris	Tamil Nadu
319	Singalila NP	2.12.92	78.60	Darjeeling	West Bengal
320	Amchang WLS	19.6.2004	78.64	Kamrup	Assam
321	Rajiv Gandhi Orang NP	8.4.99	78.81	Darrang, Sonitpur	Assam
322	Gorumara NP	1.1.98	79.45	Jalpaiguri	West Bengal
323	Lachipora WLS	19.3.87	80.00	Baramulla	J&K
324	Lakh Bahosi WLS	21.3.88	80.24	Farrukhabad	Uttar Pradesh
325	Darrah WLS	7.11.55	80.75	Kota	Rajasthan
326	Aner Dam WLS	10.10.86	82.94	Ohule	Maharashtra
327	Tungareshwar WLS	24.10.2003	85.00	Thane	Maharashtra
328	Coligaon WLS	18.1.68	85.65	South Goa	Goa
329	Harike Lake WLS	26.8.82	86.00	Firozpur	Punjab
330	Sanjay Gandhi (Borivili) NP	4.2.83	86.96	Thane, Mumbai	Maharashtra
331	Valley of Flowers NP	6.9.82	87.50	Chamoli	Uttarakhand
332	Neora Valley NP	2.12.92	88.00	Darjesingh	West Bengal

				Idukki	Kerala
339	Ervikulam NP	31.1.78	97.00		
340	Nambor Doigrung WLS	13.8.2003	97.15	Karbi-Anglong	Assam
341	Shergarh WLS	30.7.83	98.71	Kota	Rajasthan
342	Sessa Orchid WLS	19.7.82	100.00	West Kameng	Arunachal Pradesh
343	Gobind Sagar WLS	27.3.74	100.00	Bilaspur	H.P.
344	Murien NP	24.1.2003	100.00	Champhai	Mizoram
<b>Total Category - III</b>		<b>55 Nos.</b>	<b>4152.46 Sq.Km.</b>		<b>2.60%</b>

**CATEGORY-IV Area between 100-200 Sq. Km.**

				Nashik	Maharashtra
345	Nandur Madhameshwar WLS	25.2.86	100.12	Ouiton	Kerala
346	Shendurney WLS	25.8.84	100.32	Kodagu, Dakshina Kannada	Karnataka
347	Pushpagiri WLS	2.9.87	102.96	Nilgiris	Tamil Nadu
348	Mudumalai NP	2.1.90	103.23	Sawai Madhopur	Rajasthan
349	Sawai Man Singh WLS	30.11.84	103.25	Kultu	H.P.
350	Inderkilla NP	27.7.2010	104.00	West Sikkim	Sikkim
351	Barsey Rhododendron WLS	8.6.96	104.00	Bangalore	Karnataka
352	Bannerghatta NP	6.9.74	104.27	Gadchiroli	Maharashtra
353	Bhamragarh WLS	6.5.97	104.38	Jashpur	Chhattisgarh
354	Badalkhol WLS	28.8.75	104.45		
355	Talakaveri WLS	2.9.87	105.01	Kodagu	Karnataka
356	Bhagwan Mahavir (Mollem) NP	13.4.78	107.00	North Goa	Goa
357	Chail WLS	21.3.76	109.00	Solan	H.P.
358	Galathea Bay NP	18.3.92	110.00	Nicobar	A&N Island
359	Hirapora WLS	19.3.87	110.00	Baramulla	J&K
360	Ngengpui WLS	8.7.91	110.00	Lawngtai	Mizoram
361	Phen WLS	15.5.83	110.74	Mandla	M.P.
362	Dihing Patkai WLS	16.6.2004	111.19	Dibrugarh, Tinsukia	Assam
363	Mount Abu WLS	7.4.60	112.98	Sirohi	Rajasthan
364	Abubshehar WLS	27.11.87	115.30	Sirs	Haryana
365	Khalasuni WLS	7.1.82	116.00	Sambalpur	Orissa
366	Tadoba NP	9.4.55	116.55	Chandrapur	Maharashtra
367	Indira Gandhi (Annamalai) NP	23.1.89	117.10	Coimbatore	Tamil Nadu
368	Buxa NP	5.12.97	117.10	Jalpaiguri	West Bengal
369	Pench WLS	30.9.77	118.47	Seoni, Chhindwara	M.P.
370	Ranebennur Black Buck WLS	17.6.74	119.00	Dharwad	Karnataka
371	Nal Sarovar Bird WLS	8.4.69	120.82	abad, Surendrnagar	Gujarat
372	Gautam Budha	14.9.76	121.14	oderma, Hazaribagh	Jharkhand
373	Kanawar WLS	1.5.84	121.79	Kullu	H.P.
374	Kheoni WLS	5.12.56	122.70	Dewas, Sehore	M.P.
375	Shri Nainadevi WLS	27.3.74	123.00	Bilaspur	H.P.
376	Gangul Siyabehi WLS	27.3.74	124.00	Chamba	H.P.
377	Peechi-Vazhani WLS	6.8.58	125.00	Thrissur	Kerala
378	Amba Barwa WLS	9.4.97	127.11	Buldhana	Maharashtra

385	Bhimgad WLS	2010	131.67	Belgaum	Karnataka	
386	Bhagwan Mahavir (Mollem) WLS	23.12.67	133.00	North Goa	Goa	
387	Interview Island WLS	16.2.67	133.87	Andaman	A&N Island	
388	Nawegaon NP	22.11.75	133.88	Gondia	Maharashtra	
389	Chaprala WLS	25.2.86	134.78	Gadchiroli	Maharashtra	
390	Pranhita WLS	17.7.99	136.03	Adilabad	Andhra Pradesh	
391	Gautam Budha WLS	14.9.76	138.34	Gaya	Bihar	
392	Bassi WLS	29.8.88	138.89	Chittaurgarh	Rajasthan	
393	Bhairamgarh WLS	11.3.83	138.95	Dantewada	Chhattisgarh	
394	Itanagar WLS	14.6.78	140.30	Papum Pare	Arunachal Pradesh	
395	Dachigam NP	4.2.81	141.00	Srinagar/ Puriwara	J&K	
396	Bhitarkanika NP	30.12.88	145.00	Kendrapara	Orissa	
397	Karlapat WLS	15.10.82	147.66	Kalahandi	Orissa	
398	Tipeshwar WLS	30.4.97	148.63	Yeotmal	Maharashtra	
399	Nagzira WLS	3.6.70	152.81	Bhandara	Maharashtra	
400	Jawahar Sagar WLS	9.10.75	153.41	Kota	Rajasthan	
401	Pulicat Lake WLS	22.9.80	153.87	Tiruvelliore	Tamil Nadu	
402	Mahananda WLS	19.8.98	158.04	Teeling & Jalpaiguri	West Bengal	
403	Purna WLS	21.7.90	160.84	Dangs	Gujarat	
404	Marine (Gulf of Kachchh) NP	20.7.82	162.89	Jamnagar	Gujarat	
405	Trishna WLS	12.2.87	163.06	South Tripura	Tripura	
406	Bhoramdev WLS	2001	163.80	Kawardha	Chhattisgarh	
407	Baisipalli WLS	7.11.81	168.35	Nayagarh	Orissa	
408	Sri Venkateswara WLS	22.5.98	172.35	Cuddapah, Chittoor	Andhra Pradesh	
409	Chandaka Dampara WLS	21.12.82	175.79	Khurda, Cuttack	Orissa	
410	Daranghati WLS	21.3.74	176.12	Shimla	H.P.	
411	Koderma WLS	25.1.85	177.35	Koderma	Jharkhand	
412	Yawal WLS	21.3.69	177.52	Jalgaon	Maharashtra	
413	Girnar WLS	31.5.2008	178.87	Junagadh	Gujarat	
414	Gulmarg WLS	19.3.87	180.00	Baramulla	J&K	
415	Jessore WLS	6.5.78	180.66	Banas Kantha	Gujarat	
416	Brahmagiri WLS	5.6.74	181.29	Kodagu	Karnataka	
417	Palkot WLS	22.3.90	182.83	Gumla, Simdega	Jharkhand	
418	Yangoupokpi Lekchao WLS	21.3.69	184.40	Chandel	Manipur	
419	Lakhan Valley WLS	8.2.85	185.87	Gajapati	Orissa	
420	Hazaribagh WLS	24.5.76	186.25	Hazaribagh	Jharkhand	
421	Abohar WLS	27.8.75	186.50	Firozpur	Punjab	
422	D'Ering Memorial (Lali) WLS	23.8.78	190.00	Upper Siang	Arunachal Pradesh	
423	Hadgarh WLS	20.2.80	191.06	Deonjhar, Mayurbhanj	Orissa	
424	Barda WLS	12.2.79	192.31	Amnagar, Porbandar	Gujarat	
425	Dalma WLS	13.7.78	193.22	Angkhulum, Saraikela	Jharkhand	
426	Krishna WLS	22.7.98	194.81	Krishna, Gunlur	Andhra Pradesh	
427	Bandh Baralha WLS	7.10.85	199.50	Bharatpur	Rajasthan	
428	Nameri NP	9.9.98	200.00	Sonitpur	Assam	
429	Kongar Valley NP	22.7.82	200.00	Bastar	Chhattisgarh	

432	Karera WLS	21.5.81	202.21	Shivpuri	M.P.
433	Dhyanganga WLS	7.5.97	205.23	Buldhana	Maharashtra
434	Madai WLS	31.5.99	208.48	North Goa	Goa
435	Balai-Thajwas WLS	19.3.87	210.50	Srinagar	J&K
436	Wan WLS	29.7.97	211.00	Amravati	Maharashtra
437	Lawalong WLS	7.8.78	211.03	Chatra	Jharkhand
438	Netravali WLS	31.5.99	211.05	South Goa	Goa
439	Jaldapara WLS	27.8.98	216.51	Jalpaiguri	West Bengal
440	Eagle Nest WLS	18.10.89	217.00	West Kameng	Arunachal Pradesh
441	Mudumalai WLS	27.1.40	217.76	Nilgiris	Tamil Nadu
442	Sariska WLS	7.11.55	219.00	Alwar	Rajasthan
443	Sohai Rupai WLS	4.9.98	220.00	Sonitpur	Assam
444	Balphakram NP	15.2.86	220.00	South Garo Hills	Meghalaya
445	East Karbi Anglong WLS	27.7.2000	221.81	Karbi-Anglong	Assam
446	Kalakad WLS	6.3.76	223.58	Tirunelveli	Tamil Nadu
447	Bellla NP	10.9.86	226.33	Latehar	Jharkhand
448	Kishanpur WLS	7.10.72	227.00	Kheri, Shahjahanpur	Uttar Pradesh
449	Bhensroddgarh WLS	5.2.83	229.14	Chittaurgarh	Rajasthan
450	Ranipur WLS	24.1.77	230.31	Banda, Chitrakoot	Uttar Pradesh
451	Coringa WLS	21.4.98	235.70	East Godavari	Andhra Pradesh
452	Barnawapara WLS	21.7.76	244.66	Raipur	Chhattisgarh
453	Panpatha WLS	4.6.83	245.84	Umaria	M.P.
454	Mookambika WLS	17.6.74	247.00	Udipi	Karnataka
455	Udanti Wild Buffalo WLS	9.3.83	247.59	Raipur	Chhattisgarh
456	Anshi NP	8.1.75	250.00	Uttara Kannada	Karnataka
457	Tokalo WLS	2007	250.00	Saiha	Mizoram
458	Ramgarh Vishdhari WLS	20.5.82	252.79	Bundi	Rajasthan
459	Rani Jhansi Marine NP	12.11.96	256.14	Andaman	A&N Island
460	Pench NP	22.11.75	257.26	Nagpur	Maharashtra
461	Gir NP	21.5.75	258.71	Junagadh	Gujarat
462	Gaulata WLS	25.2.86	260.61	Surangabad, Jalgaon	Maharashtra
463	Pamed Wild Buffalo WLS	16.5.83	262.12	Dantewada	Chhattisgarh
464	Kuldiha WLS	4.1.84	272.75	Balesore	Orissa
465	Sariska NP	27.8.82	273.80	Alwar	Rajasthan
466	National Chambal WLS	7.12.79	274.75	Kota	Rajasthan
467	Sarangarh-Gomardha WLS	12.4.83	277.82	Raigarh	Chhattisgarh
468	Mahatama Gandhi Marine (Wandoor) NP	18.10.99	281.50	Andaman	A&N Island
469	Meaho WLS	15.12.80	281.50	Dibang Valley	Arunachal Pradesh
470	Ranthambore NP	1.11.80	282.00	Sawai Madhopur	Rajasthan
471	Parambikulam WLS	10.5.85	285.00	Palakkad	Kerala
472	Singhon WLS	2.7.76	287.91	Raisen	M.P.
473	Pench (Priyadarshini) NP	1.3.83	292.85	Seoni, Chinhhwara	M.P.
474	Marine (Gulf of Kachchh) WLS	12.8.80	295.03	Jamnagar	Gujarat
475	Janwa Ramgarh WLS	31.5.82	300.00	Jaipur	Rajasthan
476	Sonanadi WLS	9.1.87	301.18	Pauri Garhwal	Uttarakhand

483	Nargu WLS	27.3.74	318.00	Kullu	H.P.
484	Painganga WLS	25.2.86	324.62	Yeotmal, Nanded	Maharashtra
485	Berail WLS	19.6.2004	326.25	Cachar Karimgang	Assam
486	Valmiki NP	5.12.90	335.65	Ishchim Champaran	Bihar
487	Tale Valley WLS	14.7.95	337.00	Lower Subansiri	Arunachal Pradesh
488	Dibru-Saikhowa NP	1999	340.00	Tinsukia,Dibrugarh	Assam
489	Jaikwadi WLS	10.10.86	341.05	gabab, Ahmednagar	Maharashtra
490	Wayanad WLS	30.5.73	344.44	Wayanad	Kerala
491	Kuno WLS	16.1.81	344.88	Morena	M.P.
492	Debrigarh WLS	8.2.85	346.91	Sambalpur	Orissa
493	Sardarpur WLS	10.2.83	348.12	Dhar	M.P.
494	Lippa Asrang WLS	7.9.2001	349.00	Kinnaur	H.P.
495	Periyar NP	27.10.82	350.00	Idukki and Quilon	Kerala
496	Radhanagari WLS	2.12.58	351.16	Kolhapur	Maharashtra
497	Sri Venkateswara NP	22.5.98	353.62	Chittoor,Cuddapah	Andhra Pradesh
498	Koundinya WLS	22.7.98	357.60	Chittoor	Andhra Pradesh
499	Gugamal NP	27.11.87	361.28	Amravati	Maharashtra
500	Kalsubai Harishchandragad WLS	25.2.86	361.71	Ahmednagar	Maharashtra
501	Sajhakhali WLS	24.6.76	362.40	South 24-Paraganas	West Bengal
502	Sanjay Dubri WLS	30.6.75	364.59	Sidhi	M.P.
503	Gandhi Sagar WLS	28.2.83	366.62	andsaur & Neemuch	M.P.
504	Buxa WLS	6.10.90	368.99	Jalpaiguri	West Bengal
505	Madhav NP	21.5.58	375.22	Shivpuri	M.P.
506	Gumti WLS	1.12.88	389.54	South Tripura	Tripura
507	Shettihalli WLS	23.11.74	395.60	Shimoga	Karnataka
508	Yordi-Rabe Supse WLS	4.6.2007	397.00	West Siang	Arunachal Pradesh
509	Kotagarh WLS	3.12.81	399.50	Phulbani	Orissa
510	Katemiaghatal WLS	31.5.76	400.09	Bahraich	Uttar Pradesh
511	Kugti WLS	27.3.74	414.30	Chamba	H.P.
512	Pachmarhi WLS	1.6.77	417.78	Hoshngabad	M.P.
513	Sitamala WLS	30.7.83	422.94	Chittaurgarh,Udaipur	Rajasthan
514	Koyana WLS	18.9.85	423.65	Satara	Maharashtra
515	Kishtwar NP	10.4.90	425.00	Doda	J&K
516	Overa-Aru WLS	19.3.87	426.00	AnanInag	J&K
517	Campbell Bay NP	22.11.96	426.23	Nicobar	A&N Island
518	Periyar WLS	21.1.75	427.00	Idukki	Kerala
519	Sohagbanwa WLS	29.6.87	428.20	Maharajan	Uttar Pradesh
520	Semarsot WLS	20.2.78	430.36	Surguja	Chhattisgarh
521	Sharavathi Valley WLS	27.6.74	431.23	Shimoga	Karnataka
522	National Chambal WLS	20.12.78	435.00	Morena,Bhind	M.P.
523	Sech Tuan Nala WLS	27.3.74	443.27	Chamba	H.P.
524	Narayan Sarovar (Chinkara) WLS	7.8.95	444.23	Kachchh	Gujarat
525	Bandhavgarh NP	24.3.88	448.85	Umaria,Katni	M.P.
526	Maral Longri WLS	14.4.2003	451.00	Karbi-Anglong	Assam
527	Sohalwa WLS	14.11.88	452.47	Shrawasti,Balrampur	Uttar Pradesh

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534	Mouling NP	30.12.86	483.00	Upper Siang	Arunachal Pradesh
535	Srivilliputhur Grizzled Squirrel WLS	26.12.88	485.20	Virudhunagar	Tamil Nadu
536	Bori WLS	1.8.77	485.72	Hoshangabad	M.P.
537	Govind Pashu Vihar WLS	22.3.55	485.89	Uttarkashi	Uttarakhand
538	Dudhwa NP	21.1.77	490.00	Lakhimpur-Kheri	Uttar Pradesh
539	Bhadra WLS	25.9.74	492.46	Nikmagalur, Shimoga	Karnataka
540	Todgarh Radhi WLS	28.9.83	495.27	Ter. Rajsamand, Pali	Rajasthan
541	Pulical Lake WLS	9.9.97	500.00	Nellore	Andhra Pradesh
542	Manas NP	7.9.90	500.00	Sarpeta, Bongaigaon	Assam
543	Dampa WLS	20.1.76	500.00	Mamit	Mizoram
544	Sunabeda WLS	10.5.88	500.00	Nuapada	Orissa
Total Category - V		115 Nos.	38941.83 Sq.Km.		24.37%

**CATEGORY-VI Area above 500 Sq. Km.**

545	Kaimur WLS	10.8.82	500.73	Mirzapur, Sonbhadra	Uttar Pradesh
546	Andhari WLS	25.2.86	509.27	Chandrapur	Maharashtra
547	Cauvery WLS	14.1.87	510.52	Bangalore, Mardya	Karnataka
548	Ghaligaon WLS	21.5.81	511.00	Gwalior	M.P.
549	Corbett NP	6.8.36	520.82	Initial, Pauri Garhwal	Uttarakhand
550	Satyamangalam WS	3.11.2008	524.35	Erode	Tamil Nadu
551	Bhitarkanika WLS	22.7.75	525.00	Kendrapara	Orissa
552	Bilgiri Rangaswamy Temple (B.R.T.) WLS	14.1.74	539.52	Chamarajanagar	Karnataka
553	Balaram Ambaji WLS	7.8.89	542.08	Banas Kantha	Gujarat
554	Panna NP	22.7.82	542.67	Panna, Chhatarpur	M.P.
555	Valmiki WLS	10.5.78	545.15	Khichim Champaran	Bihar
556	Achanakmar WLS	28.6.75	551.55	Gilaspur	Chhattisgarh
557	Sitanadi WLS	1.11.74	553.35	Dhamtari	Chhattisgarh
558	Mundanthurai WLS	21.3.77	567.38	Tirunelveli	Tamil Nadu
559	Saltpura NP	13.10.81	585.17	Hoshangabad	M.P.
560	Askot Musk Deer WLS	30.7.86	599.93	Pithoragarh	Uttarakhand
561	Kudremukh NP	2.9.87	600.32	Dakshin Kannada, Udini Chikmagalur	Karnataka
562	Shoolpaneswar (Dhumkhal) WLS	19.3.82	607.70	Bharuch	Gujarat
563	Tamor Pingla WLS	20.2.78	608.53	Surguja	Chhattisgarh
564	Kumbhalgarh WLS	13.7.71	608.58	Udaipur, Pali	Rajasthan
565	Nanda Devi NP	8.9.82	624.60	Chamoli	Uttarakhand
566	National Chambal WLS	20.1.77	635.00	Agra, Etawah	Uttar Pradesh
567	Kimnarsani WLS	3.5.99	635.41	Khammam	Andhra Pradesh
568	Rajiv Gandhi (Nagarahole) NP	16.3.83	643.39	Kodagu, Mysore	Karnataka
569	Pin Valley NP	9.1.87	675.00	Lahul & Spiti	H.P.
570	Kailadevi WLS	19.7.83	676.38	Sawai Madhopur	Rajasthan
571	Bhimbetka WLS	7.5.76	681.99	Munger	Bihar
572	Phulwari Ki Nai WLS	6.10.83	692.58	Udaipur, Pali	Rajasthan
573	Khinganga NP	27.7.2010	710.00	Kullu	H.P.
574	Brini Rhaia WI S	7.9.2001	738.00	Kinnar	H.P.

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581	Rajaji NP	12.8.83	820.42	Dehradun, Pauri Garhwal, Haridwar	Uttarakhand
582	Ratapani WLS	4.6.83	823.84	Raisen	M.P.
583	Indira Gandhi (Annamalai) WLS	2.5.72	841.49	Coimbatore	Tamil Nadu
584	Simlipal NP	6.8.80	845.70	Mayurbhanj	Orissa
585	Kaziranga NP	11.2.74	858.98	It, Nagaon, Sonitpur	Assam
586	Pakhal WLS	8.10.99	860.00	Warangal	Andhra Pradesh
587	Pakke (Pakhui) WLS	28.3.77	861.95	East Kameng	Arunachal Pradesh
588	Bandipur NP	5.6.74	874.20	re, Chamarajanagar	Karnataka
589	Kawal WLS	14.7.99	892.23	Adilabad	Andhra Pradesh
590	Kanha NP	1955	940.00	a, Balaghat, Dindori	M.P.
591	Kedarnath WLS	21.2.72	975.20	amoli, Rudraprayag	Uttarakhand
592	Papikonda NP	26.11.2008	1012.86	East & West Godavari	Andhra Pradesh
593	Sri Penu Sila Narasimha WLS	4.10.97	1030.65	Cuddapah, Nellore	Andhra Pradesh
594	Gir WLS	18.9.65	1153.42	Junagadh, Amreli	Gujarat
595	Dhauladhar WLS	14.12.94	1154.86	Kangra	H.P.
596	Gundla Brahmaeswaram WLS	9.4.90	1194.00	Kurnool, Prakesam	Andhra Pradesh
597	Noradehi WLS	17.2.75	1194.67	Sagar, Narsimhapur	M.P.
598	Indravali (Kulru) NP	12.5.81	1258.37	Dantewada	Chhattisgarh
599	Sunderban NP	4.5.84	1330.10	South 24-Paraganas	West Bengal
600	Kaimur WLS	20.7.79	1342.00	Rohtas	Bihar
601	Simlipal WLS	3.12.79	1354.30	Mayurbhanj	Orissa
602	Gahirmatha (Marine) WLS	27.9.97	1435.00	Kendrapara	Orissa
603	Guru Ghasi Das (Sanjay) NP	23.9.81	1440.71	Surguja, Koria	Chhattisgarh
604	Khangchendzonga NP	26.8.77	1784.00	North Sikkim	Sikkim
605	Namdapha NP	12.5.83	1807.82	Changlang	Arunachal Pradesh
606	Hastinapur WLS	30.7.86	2073.00	Bar Nagar, Meerut etc	Uttar Pradesh
607	Kibber WLS	25.4.92	2267.00	Lahaul & Spiti	H.P.
608	Gangotri NP	16.9.89	2390.02	Uttarkashi	Uttarakhand
609	Desert NP	6.8.80	3162.00	Jaisalmer, Barmer	Rajasthan
610	Hemis NP	19.3.87	3350.00	Leh	J&K
611	Rajiv Gandhi (Nagarjuna Sagar-Srisailam) WLS	27.6.98	3588.08	Guntur, Prakesam, Kurnool, Nalgonda &	Andhra Pradesh
612	Changthang WLS	19.3.87	4000.00	Leh	J&K
613	Dibang WLS	26.11.91	4149.00	Dibang Valley	Arunachal Pradesh
614	Wild Ass WLS	12.1.73	4953.71	Kachchh, Rajkot, Mahesana, Banas Kantha	Gujarat
615	Karakoram (Nubra Shyok) WLS	19.3.87	5000.00	Leh	J&K
616	Kachchh Desert WLS	28.2.86	7506.22	Kachchh	Gujarat
617	Great Indian Bustard WLS	27.9.79	8496.44	lapur, Ahmednagar	Maharashtra
<b>Total Category - VI</b>		<b>73 Nos.</b>	<b>101389.93 Sq.Km.</b>	<b>83.44%</b>	

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Abstract

S.No.	Category	Area	No. of NP /Sanctuary	Total Area of NP/Sanctuary	% of total area NP/ Sanctuary
1	I	Up to 10 Sq. Km.	195	523.07	0.33
2	II	10 Sq Km. to 50 Sq. Km.	94	2,746.04	1.72
3	III	50 Sq Km. to 100 Sq. Km.	55	4,152.46	2.60
4	IV	100 Sq Km. to 200 Sq. Km.	85	12,065.83	7.55
5	V	200 Sq. Km. to 500 Sq. Km.	115	38,941.83	24.37
6	VI	Above 500	73	1,01,389.39	63.44
				<b>1,59,818.62</b>	

## ANNEXURE-N-3

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Government of India  
Ministry of Environment and Forests  
(Wildlife Division)

Paryavaran Bhawan,  
CGO Complex, Lodi Road,  
New Delhi -110003.

F. No. 1-9/2007 WL-I(pt)  
Dated: 9<sup>th</sup> February, 2011

To,  
The Chief Wildlife Warden  
All States/Union Territories

Sub: Guidelines for Declaration of Eco-Sensitive Zones around National  
Parks and Wildlife Sanctuaries.

Sir

In pursuance to the decision taken by the National Board for Wildlife, all the States/Union Territory Governments were requested for forwarding site specific proposals for declaration of Eco Sensitive Zones around National Parks and Wildlife Sanctuaries. Several reminders in this connection were also sent. Hon'ble Supreme Court had also take note of this decision had directed States/Union Territory Governments to forward proposals this Ministry. However, only very few States have forwarded proposals in this regard.

This Ministry after careful consideration, has therefore, decided to frame guidelines to facilitate the States/Union Territory Governments for declaration of Eco-Sensitive Zones around National Parks and Wildlife Sanctuaries. Kindly find enclosed a copy of the said Guidelines. It is requested to kindly take necessary action in this regard at the earliest.

Yours faithfully,

(Prakriti Srivastava)  
Deputy Inspector General (WL)  
Telefax: 01-24360704  
E-mail: dsgwl.mefnra@gov.in

Enc: As above

Copy to:

1. Principal Secretary (Forests), all States/Union Territories
2. Principal Chief Conservator of Forests, all States/Union Territories
3. NER Cell, with a request to upload the enclosed guidelines on the official website of MoEF.

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**GUIDELINES FOR  
DECLARATION OF ECO-  
SENSITIVE ZONES AROUND  
NATIONAL PARKS AND WILDLIFE  
SANCTUARIES**



**GOVERNMENT OF INDIA  
MINISTRY OF ENVIRONMENT AND FORESTS**

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## GUIDELINES FOR DECLARATION OF ECO-SENSITIVE ZONES AROUND NATIONAL PARKS AND WILDLIFE SANCTUARIES

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### 1. Background:

#### 1.1. IBWL Decision:

**1.1.1** During the XXI meeting of the Indian Board for Wildlife held on 21<sup>st</sup> January 2002, a 'Wildlife Conservation Strategy-2002' was adopted wherein point no.9 envisaged that " lands falling within 10 Kms of the boundaries of National Parks and Sanctuaries should be notified as eco-fragile zones under section 3 (v) of the Environment (Protection) Act and Rule 5 Sub rule (vii) & (x) of the Environment (Protection) Rules."

**1.1.2** The Additional Director General of Forests (WF), vide letter dated 6<sup>th</sup> February 2002, had requested all the Chief Wildlife Wardens for listing out such areas within 10 Kms of the boundaries of National Parks and Sanctuaries and furnish detailed proposals for their notification as eco-sensitive areas under the Environment (Protection) Act, 1986.

**1.1.3** In response, some of the State Governments had raised concern over applicability of the 10 Kms range from the Protected Area boundary and informed that most of the human habitation and other areas including important cities in these States would come under the purview of eco-sensitive zone and will adversely affect the development.

#### 1.2. National Wildlife Action Plan (2002-2016)

**1.2.1** The National Wildlife Action Plan (NWAP) 2002-2016 indicates that "*Areas outside the protected area network are often vital ecological corridor links and must be protected to prevent isolation of fragments of biodiversity which will not survive in the long run. Land and water use policies will need to accept the imperative of strictly protecting ecologically fragile habitats and regulating use elsewhere.*"

**1.2.2** The Action Plan also indicates that "*All identified areas around Protected Areas and wildlife corridors to be declared as ecologically fragile under the Environment (Protection) Act, 1986.*"

#### 1.3. Decision of National Board for Wildlife:

**1.3.1** Considering the constraints communicated by the states, the proposal was re-examined by the National Board for Wildlife in its 2<sup>nd</sup> meeting held on 17<sup>th</sup> March 2005 and it was decided that the 'delineation of eco-sensitive

zones would have to be site specific and relate to regulation, rather than prohibition, of specific activities'. The decision was communicated to all the State Governments for compliance vide letter dated 27<sup>th</sup> May 2005. Thereafter, it was further communicated with subsequent reminders.

#### 1.4. Hon'ble Supreme Court's decision:

1.4.1 A Public Interest Litigation was also filed by the Goa Foundation vide their Writ Petition No. 460/2004 before the Hon'ble Supreme Court regarding the issue of declaration of eco-sensitive zones.

1.4.2 Vide their order dated 4<sup>th</sup> December 2006, Hon'ble Supreme Court had directed the Ministry of Environment & Forests to give a final opportunity to all States/Union territories to respond to the letter dated 27.5.2005 and that the State Governments send their proposals within four weeks, to the Ministry. It was also directed that all cases where environmental clearances were granted where activities are within 10 Kms zone, be referred to Standing Committee of NBWL.

## 2. Statutory Provisions

2.1 Section 5 C(1) of the Wildlife (Protection) Act, 1972 states that it shall be the duty of the National Board for Wildlife to promote the conservation and development of Wildlife and forests by such measures as it thinks fit.

2.2 Section 3 of the Environment (Protection) Act 1986 (EPA) gives power to the Central Government i.e. the Union Ministry of Environment and Forests to take all measures that it feels are necessary for protecting and improving the quality of the environment and to prevent and control environmental pollution. To meet this objective, the Central Government can restrict areas in which any industries, operations or processes or class of industries, operations or processes shall not be carried out or shall be carried out subject to certain safeguards [Section 3(2)(v)?]

2.3 Section 5(1) of the Environment (Protection) Rules, 1986 (EPR), states that the central government can prohibit or restrict the location of industries and carrying on certain operations or processes on the basis of considerations like the biological diversity of an area (clause v) maximum allowable limits of concentration of pollutants for an area (clause ii) environmentally compatible land use (clause vi) proximity to protected areas (clause iii).

### **3. Purpose for declaring Eco-Sensitive Zones:**

The purpose of declaring Eco-sensitive Zones around National Parks and Sanctuaries is to create some kind of "Shock Absorber" for the Protected Areas. They would also act as a transition zone from areas of high protection to areas involving lesser protection. As has been decided by the National Board for Wildlife, the activities in the Eco-sensitive zones would be of a regulatory nature rather than prohibitive nature, unless and otherwise so required.

### **4. Extent of Eco-Sensitive Zones:**

**4.1** Many of the existing Protected Areas have already undergone tremendous development in close vicinity to their boundaries. Some of the Protected Areas actually lying in the urban setup (e.g. Guindy National Park, Tamil Nadu, Sanjay Gandhi National Park, Maharashtra, etc). Therefore, defining the extent of eco-sensitive zones around Protected Areas will have to be kept flexible and Protected Area specific. The width of the Eco-sensitive Zone and type of regulations will differ from Protected Area to Protected Area. However, as a general principle the width of the Eco-sensitive Zone could go upto 10 Kms around a Protected Area as provided in the Wildlife Conservation Strategy 2002.

**4.2** In case where sensitive corridors, connectivity and ecologically important patches, crucial for landscape linkage, are even beyond 10 kms width, these should be included in the Eco-sensitive Zone.

**4.3** Further, even in context of a particular Protected Area, the distribution of an area of Eco-sensitive Zone and the extent of regulation may not be uniform all around and it could be of variable width and extent.

### **5. Need for guidelines:**

**5.1** As has been indicated vide para 1.4 above, Hon'ble Supreme Court has vide their order dated 4<sup>th</sup> December 2006 directed all the State/Union Territory Governments to forward proposals for declaration of eco-sensitive zones around its Protected Areas. However, only States like Haryana, Gujarat, Mizoram, Meghalaya, Assam, Goa have forwarded proposals. However, several other States/Union Territories have not come forward, perhaps for want of guidelines in this regard.

**5.2** In this context, it is pertinent to note here that Hon'ble Supreme Court vide their judgment dated 3<sup>rd</sup> December 2010 in the case relating to the construction of park at NOIDA near Okhla Bird Sanctuary filed by Shri Anand Arya & Ors vs. Union of India (I.A. Nos 2609/2610 of 2009) in Writ Petition (Civil) No. 202/1995, had noted that the State Government of Uttar Pradesh had not

declared Eco-sensitive zones around its Protected Areas as the Government of India had not issued any guidelines in this regard.

5.3 The Ministry of Environment & Forests had set up a committee under the Chairmanship of Shri Ptanab Sen for identifying parameters for designating Ecologically Sensitive Areas in India. The said Committee had identified parameters for declaration of specific units of land/water etc as Ecologically Sensitive Zones based on parameters like richness of flora& fauna; slope; rarity & endemism of species in the area; origins of rivers etc. However, these parameters do not basically apply to the Eco-sensitive zones in the instant context, i.e around Protected Areas. In the instant case, the Eco-sensitive zones are meant to act as a "Shock absorbers"/ "transition zone" to the Protected Areas by regulating and managing the activities around such Protected Areas.

#### 6. The procedure to be adopted :

6.1 As has been indicated in the forgoing paras, the basic aim is to regulate certain activities around National Park and Wildlife Sanctuary so as to minimize the negative impacts of such activities on the fragile ecosystem encompassing the Protected Area. As a first step towards achieving this goal, it is a pre requisite that an inventory of the different land use patterns and the different types of activities, types and number of industries operating around each of the Protected Area (National Parks, Sanctuaries) as well as important Corridors be made. The inventory could be done by the concerned Range Officers, who can take a stock of activities within 10 km of his range.

6.2 For the above purpose, a small committee comprising the concerned Wildlife Warden, an Ecologist, an official from the Local Self Government and an official of the Revenue Department of the concerned area, could be formed. The said committee could suggest the:

- (i) Extent of eco-sensitive zones for the Protected Area being considered.
- (ii) The requirement of such a zone to act as a shock absorber.
- (iii) To suggest the best methods for management of the eco-sensitive zones, so suggested.
- (iv) To suggest broad based thematic activities to be included in the Master Plan for the region.

6.3 Based on the above, the Chief Wildlife Warden could group the activities under the following categories (an indicative list of such activities is attached as ANNEXURE-1):-

- (i) Prohibited
- (ii) Restricted with safeguards.
- (iii) Permissible

**6.4** Once the proposal for Eco-sensitive zones has been finalized, the same may be forwarded to the Ministry of Environment and Forests for further processing and notification. Here, it may be noted that, the State/Union Territory Forest Department could forward the proposals to the respective authority in the State Government with copy to the Ministry of Environment and Forests, as and when the proposals(even if it is for single Protected Area) are complete. An indicative list of details that need to be submitted along with the proposals is at **ANNEXURE-2**.

**6.5** It is to mention here that in cases where the boundary of a Protected Area abuts the boundary of another State/Union Territory where it does not form part of any Protected Area, it shall be the endeavour of both the State/Union Territory Governments to have a mutual consultation and decide upon the width of the eco-sensitive zone around the Protected Area in question.

**6.6** The State Government should endeavour to convey a very strong message to the public that ESZ are not meant to hamper their day to day activities, but instead, is meant to protect the precious forests/Protected Areas in their locality from any negative impact, and also to refine the environment around the Protected Areas. A copy of the notification of the Sultanpur Eco-sensitive Zone issued by the Ministry is attached herewith at **ANNEXURE-3** for reference and guidance.

**7.** These guidelines are indicative in nature and the State / Union Territory Governments may use these as basic framework to develop specific guidelines applicable in the context of their National Parks, Wildlife Sanctuaries, important corridors, etc. with a view to minimizing and preferably eliminating any negative impact on protected areas.

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## ANNEXURE-1

## Identification of Activities

While some of the activities could be allowed in all the eco sensitive areas, others will need to be regulated / prohibited. However, which activity can be regulated or prohibited and to what extent, would have to be PA specific. A broad list of activities (this may need supplementation) which could be allowed, promoted, regulated or prohibited is given in the table below:

Sl. No.	Activity	Prohibited	Regulated	Permitted	Remarks
1.	Commercial Mining	Y			Regulation will not prohibit the digging of earth for construction or repair of houses and for manufacture of country tiles or bricks for housing for personal consumption
2.	Felling of trees		Y		With permission from appropriate authority
3.	Setting of saw mills	Y			
4.	Setting of industries causing pollution (Water, Air, Soil, Noise, etc.)	Y			
5.	Establishment of hotels and resorts		Y		As per approved master plan, which takes care of habitats allowing no restriction on movement of wild animals
6.	Commercial use of firewood	Y			For hotels and other business related establishment

7.	Drastic change of agriculture systems		Y		
8.	Commercial use of natural water resources including ground water harvesting		Y		As per approved master plan, which takes care of habitats allowing no restriction on movement of wild animals.
9.	Establishment of major hydroelectric projects	Y			
10.	Erection of electrical cables		Y		Promote underground cabling
11.	Ongoing agriculture and horticulture practices by local communities			Y	However, excessive expansion of some of these activities should be regulated as per the master plan
12.	Rain Water harvesting			Y	Should be actively promoted
13.	Fencing of premises of hotels and lodges		Y		
14.	Organic farming			Y	Should be actively promoted
15.	Use of polythene bags by shopkeepers		Y		
16.	Use of renewable energy sources			Y	Should be actively promoted
17.	Widening of roads		Y		This should be done with proper EIA

					and mitigation measures
18.	Movement of vehicular traffic at night		Y		For commercial purpose
19.	Introduction of exotic species		Y		
20.	Use or production of any hazardous substances	Y			
21.	Undertaking activities related to tourism like over-flying the National Park area by any aircraft, hot-air balloons	Y			
22.	Protection of hill slopes and river banks		Y		As per the master plan
23.	Discharge of effluents and solid waste in natural water bodies or terrestrial area	Y			
24.	Air and vehicular pollution		Y		
25.	Sign boards & hoardings		Y		As per the master plan
26.	Adoption of green technology for all activities			Y	Should be actively promoted.

**GENERIC INFORMATIONS TO BE INCORPORATED IN THE  
PROPOSALS FOR DECLARATION OF ECO-SENSITIVE ZONE  
AROUND PROTECTED AREAS**

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- (i) Delineation of the physical boundaries on a topo-sheets with precise description in geographic terms together with a description of the significant features/attributes that would potentially qualify the area as eco-sensitive zone. A description of the boundaries alongwith the list of villages with exception and exemption in the delineated buffer zone area.
- (ii) An inventory of the existing legal status of rights, entitlements, privileges and obligations of the local communities
- (iii) A description of bio-diversity values including bio-geographical representatives, endemism, species richness, geo-morphological characteristics, and unique land use practices including aesthetic and cultural values.
- (iv) A description of the resource base indicating the economic potential and livelihood implication for the people residing in and around the proposed eco-sensitive area
- (v) An inventory of activities to be regulated and/ or prohibited in the proposed eco-sensitive zone.
- (vi) List of the protected areas for declaring eco-sensitive zone

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## MINISTRY OF ENVIRONMENT AND FORESTS

## NOTIFICATION

New Delhi, the 27th January, 2010

**SAC 191(E).**— WHEREAS, the Sultanpur National Park (about 15 km from Gurgaon and about 45 km from Delhi) is important and known for aquatic avifauna where about 30,000 birds belonging to about 250 species have been listed in this park during winters and the important birds visiting this park are Pelicans, Cormorants, Herons, Egrets, Storks, Flamingoes, Geese, Ducks, etc.

AND WHEREAS, a number of territorial birds of Indian origin stay here the year round, breeding of Sarus, Crane and the Rare Black-necked Stork have been recorded in this park and as regards biodiversity of this National Park, the flora of this area is represented by semi-arid vegetation outside it, and a typical aquatic vegetation of the lakes in plains of North India,

AND WHEREAS, it is necessary to conserve and protect the area up to five kilometers from the boundary of the protected area of Sultanpur National Park as Eco-sensitive Zone from ecological and environmental point of view;

AND WHEREAS, a draft notification under sub-section (1) and clauses (v) and (xiv) of sub-section (2) of section 3 of the Environment (Protection) Act, 1986 (29 of 1986) was published in the Gazette of India, Extraordinary, vide notification of the Government of India in the Ministry of Environment and Forests, vide number S.O. No. 364 (P), dated the 29th January 2009, as required under sub-clause (3) of rule 5 of the Environment (Protection) Rules, 1986, inviting objections and suggestions from all persons likely to be affected thereby, within a period of sixty days from the date on which copies of the Gazette containing the said notification were made available to the public;

AND WHEREAS, copies of the Gazette containing the said notification were made available to the public on the 29th January 2009;

AND WHEREAS, all objections and suggestions received in response to the said draft notification have been duly considered by the Central Government;

NOW, THEREFORE, in exercise of the powers contained by sub-section (1) and clauses (v) and (xiv) of sub-section (2) of section 3 of the Environment (Protection) Act, 1986 (29 of 1986) read with sub-clause (3) of rule 5 of the Environment (Protection) Rules, 1986, the Central Government hereby notifies the area up to five kilometers from the boundary of the protected area of Sultanpur National Park in the State of Haryana (as shown in the map annexed to the notification as Annexure) as the Eco-sensitive Zone (hereinafter called as the Eco-sensitive Zone), namely:

**2. Boundaries of Eco-sensitive Zone.**— (1) The said Eco-sensitive Zone is the area up to five kilometers from the boundary of the protected area of Sultanpur National Park situated in the Gurgaon District of Haryana between 28° 24' 00" to 28° 32' 00" North latitude and between 76° 48' 00" to 76° 58' 00" East longitude.

(2) The map of the Eco-sensitive Zone is at Annexure and the list of the villages falling within five kilometers distance of the boundary of Sultanpur National Park in the Eco-sensitive Zone are as follows, namely:

Mankauli, Jharjraula, Mohunneoper, Pali, Obanwas, Waripur, Dhami, Ramnagar, Sikkawala, Ghar Haneru, Tughlaqpur, Daya Bihar, Sabewas, Iqbalpur, Saidpur, Khaunwas, Jamnagar, Chaudh, Omnagar, Bihore, Sihanpur, Harsinghwala, Dhami Mochiwali Dham, Sudhiana Barnipur.

(3) All activities in the Sultanpur National Park are being governed by the provisions of the Wildlife (Protection) Act, 1972 (51 of 1972).

### 3. Zonal Master Plan for the Eco-sensitive Zone:-

- (1) A Zonal Master Plan for the Eco-sensitive Zone shall be prepared by the State Government within a period of one year from the date of publication of this notification in the Official Gazette and approved by the Ministry of Environment and Forests, Government of India.
- (2) The Zonal Master Plan shall be prepared with the involvement of all concerned State Departments of Environment, Forest, Urban Development, Tourism, Municipal Department, Irrigation and PWD (Buildings & Roads) Department, Revenue Department and Haryana State Pollution Control Board for integrating environmental and ecological considerations into it.
- (3) The Zonal Master plan shall provide for restoration of denuded areas, conservation of existing water bodies, management of catchment areas, watershed management, groundwater management, soil and moisture conservation, needs of local community and such other aspects of the ecology and environment that need attention.
- (4) The Zonal Master Plan shall demarcate all the existing and proposed urban settlements, village settlements, types and kinds of forests, agricultural areas, fertile lands, green areas, horticultural areas, orchards, lakes and other water bodies.
- (5) It shall exempt all canal and drainage works.
- (6) No change of land use from green uses such as orchards, horticulture areas, agriculture parks and others like places to non green uses shall be permitted in the Zonal Master Plan, except that duly limited conversion of agricultural lands maybe permitted to meet the residential needs of the existing local residents together with natural growth of the existing local populations, improvement of roads and bridges infrastructure, construction of public utility or community buildings without the prior approval of the State Government.
- (7) The planned urbanisation proposed in the development plans shall be approved by the State Government for the respective concerned areas.
- (8) The Zonal Master Plan shall be a reference document for the State Level Monitoring Committee for any decision to be taken by them including consideration for relaxation.
- (9) The Zonal Master Plan shall indicate measures and lay down stipulations for regulation of traffic.
- (10) Pending the preparation of the Zonal Master Plan for Eco-sensitive Zone and approval thereof by the Ministry of Environment and Forests all new constructions shall be allowed only after the proposals are scrutinized and approved by the Monitoring Committee as referred in paragraph 5.
- (11) There shall be no consequential reduction in Forest area, Green area and Agricultural area.
- (12) The State Government shall prescribe additional measures, if necessary, in furtherance of the objectives and for giving effect to the provisions of this notification.

4. Regulated or restrictive activities in the Eco-sensitive Zone:- The following activities in the Eco-sensitive Zone shall be regulated in the manner provided herein, namely:-

**(a) Industrial Units**

- (i) No establishment of new wood based industry within one kilometer from the boundary of the Sultanpur National Park;
- (ii) No establishment of any new polluting or highly polluting industry within one kilometer from the boundary of the Sultanpur National Park.

**(b) Construction Activities**

- (i) No construction of any kind shall be allowed within the boundary of Sultanpur National Park to a distance of three hundred meters, except tube well chamber of dimension not more than one thousand cubic inches;
- (ii) The construction of any building more than two storey (twenty five feet) shall not be allowed in the area falling between three hundred meters to five hundred meters from the boundary of Sultanpur National Park;
- (iii) The laying of new high tension transmission wires shall not be allowed from the boundary of Sultanpur National Park to a distance of five hundred meters.

**(c) Quarrying and Mining**

- (i) Mining up to one kilometer shall not be allowed from the boundary of the protected area of Sultanpur National Park;
- (ii) Crushing activity up to one kilometer shall not be allowed from the boundary of the protected area of Sultanpur National Park.

**(d) Trees:-** Felling of trees on forest and revenue land shall be subject to the approved management plan by the Central Government or an authority so designated for that purpose.**(e) Water:-**

- (i) Extraction of ground water shall be permitted only for the bona fide agricultural and domestic consumption of the occupier of the plot;
- (ii) No sale of ground water shall be permitted except with the prior approval of the State Ground Water Board;
- (iii) All steps shall be taken to prevent contamination or pollution of water including from agriculture.

**(f) Noise pollution:-** The Environment Department or, as the case may be, State Forest Department or the Government of Haryana shall be the authority to draw up guidelines and regulations for the control of noise in the Eco-sensitive Zone.**(g) Discharge of effluents:-**

- (i) No untreated or industrial effluent shall be permitted to be discharged into any water body within the Eco-sensitive Zone;
- (ii) Treated effluent must meet the provisions of the Water Prevention and Control of Pollution Act, 1974 (6 of 1974).

**(h) Solid Wastes:-**

- (i) The solid waste disposal shall be carried out as per the provisions of the Municipal Solid Waste (Management and Handling) Rules, 2000 issued by the Central Government vide notification number S.O. No. 909 (E), dated the 25<sup>th</sup> September 2000 as amended from time to time;
- (ii) The local authorities shall draw up plans for the segregation of solid wastes into biodegradable and non-biodegradable components;
- (iii) The biodegradable material may be recycled preferably through composting or vermiculture.

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- (v) The incoming material shall be disposed in an acceptable manner at site identified outside the Eco-sensitive Zone. No burning or incineration of solid wastes shall be permitted in the Eco-sensitive zone.

### 5. Monitoring Committee :-

In exercise of the powers conferred in sub-section (3) of section 5 of the Environment Protection Act, 1986 (29 of 1986), the Central Government hereby constitutes a committee to be called the Monitoring Committee to monitor the compliance with the provisions of this notification:

The Monitoring Committee referred to in sub-paragraph (3) shall consist of not more than ten members so as to represent the following, namely:

- (a) Deputy Commissioner, Gurgaon - Chairman
- (b) A representative of the Minister of Environment and Forests, Government of India - Member
- (c) One representative of Non-governmental Organizations working in the field of environment (including heritage conservation) to be nominated by the Central Government - Member
- (d) Regional Officer, Haryana State Pollution Control Board, Gurgaon - Member
- (e) Senior Town Planner of the area - Member
- (f) District Wildlife Warden, Gurgaon - Member Secretary.

(vi) The powers and functions of the Monitoring Committee shall be restricted to the monitoring of the compliance of the provisions of this notification only.

In case of activities requiring prior permission or environmental clearance, such activities shall be referred to the State Level Environment Impact Assessment Authority constituted under notification of the Government of India in the Ministry of Environment & Forests (G.O. S.O. 1533 (E), dated September 30, 2006, which shall be the Competent Authority in respect of such clearances as per the provisions of the said notification).

The Monitoring Committee may also invite representatives or experts from the concerned Departments or associations to assist it in its deliberations depending upon the requirements on issue to issue basis.

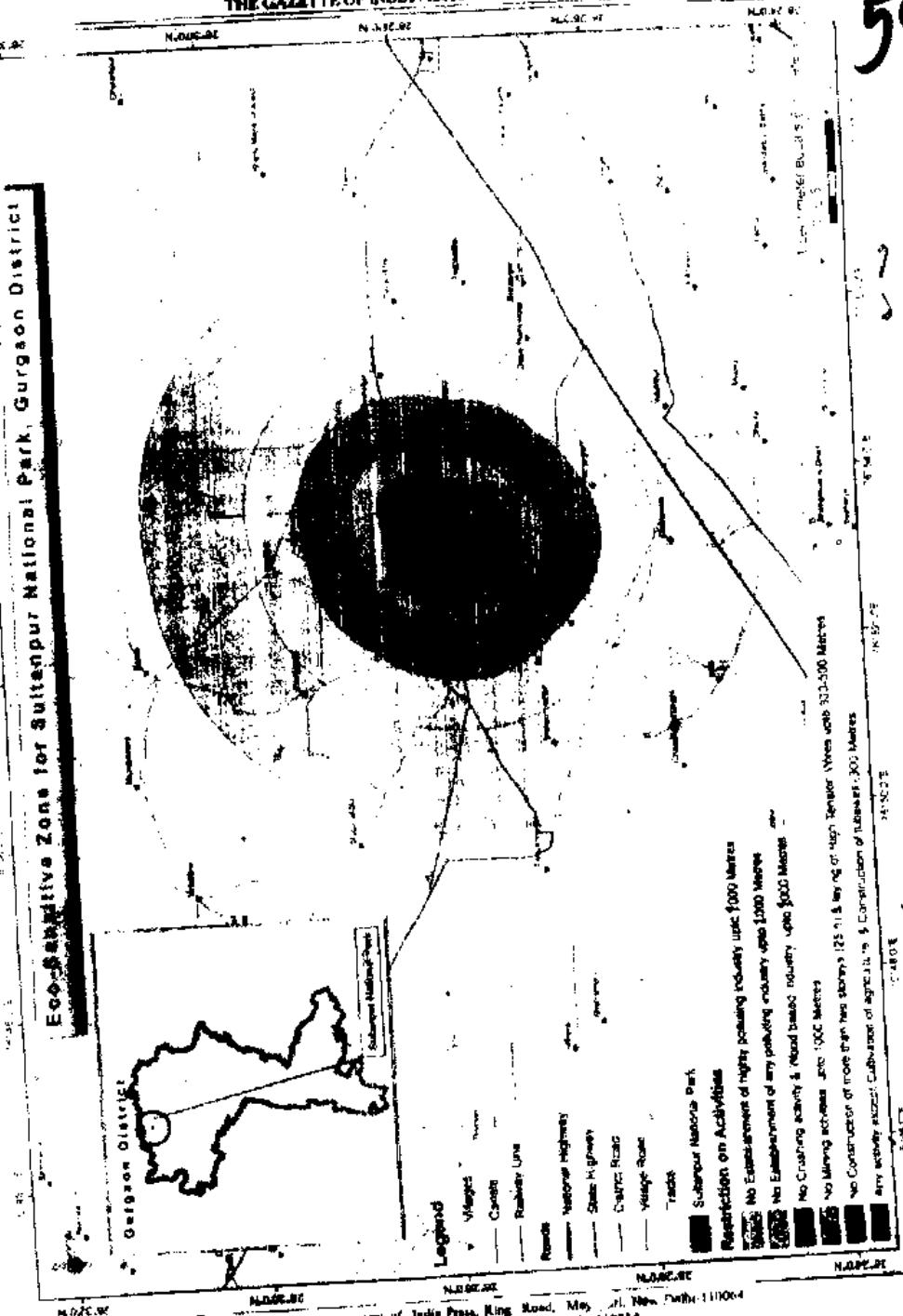
(vii) The Chairman or Member Secretary, as the case may be, of the Monitoring Committee shall be competent to file complaints under section 19 of the Environment (Protection) Act, 1986 for non-compliance of the provisions of this notification.

(viii) The Monitoring Committee shall submit its annual action taken reports by the 31<sup>st</sup> March of every year to the Ministry of Environment and Forests.

(ix) The Ministry of Environment & Forests shall give directions, from time to time, to the Monitoring Committee for effective discharge of the functions of the Monitoring Committee.

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