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Major Sedimentary Basins in India.

The sedimentary basins of India, onland and offshore up to the 200m isobath, have an areal extent of about 1.79 million sq. km. So far, 26 basins have been recognized and they have been divided into four categories based on their degree of prospectivity as presently known. In the deep waters beyond the 200m isobath, the sedimentary area has been estimated to be about 1.35 million sq. km. The total thus works out to 3.14 million sq. km.

Over the last twelve years, there have been significant forward steps in exploring the hydrocarbon potential of the sedimentary basins of India. The unexplored area has come down to 15% which was 50% in 1995-96.

Credit for this achievement goes in large measure to the surveys carried out by DGH in unexplored/poorly explored areas of the country including Deepwaters off west coast, east coast and in Andaman sea and acreages awarded for exploration under NELPs. Concerned efforts are continuously being done to reduce the unexplored area further.

On the basis of prospectivity basins have been categorised as follows:

Category : Proven Commerical Productivity

Basin Name	Onland Area	Offshore Area	Total
Assam-Arakan (http://www.ndrdgh.gov.in/NDR/index.php?page_id=617)	116000	-	116000
Cambay (http://www.ndrdgh.gov.in/NDR/index.php?page_id=629)	51000	2500	53500
Cauvery (http://www.ndrdgh.gov.in/NDR/index.php?page_id=640)	25000	30000	55000
Krishna-Godawari Offshore (http://www.ndrdgh.gov.in/NDR/index.php?page_id=647)	28000	24000	52000
Mumbai Offshore (http://www.ndrdgh.gov.in/NDR/index.php?page_id=651)	-	116000	116000
Rajasthan (http://www.ndrdgh.gov.in/NDR/index.php?page_id=656)	126000	-	126000

Category : Identified Prospectivity

Basin Name	Onland Area	Offshore Area	Total
Kutch (http://www.ndrdgh.gov.in/NDR/index.php?page_id=742)	35000	13000	48000
Mahanadi-NEC (http://www.ndrdgh.gov.in/NDR/index.php?page_id=759)	55000	14000	69000
Andaman-Nicobar (http://www.ndrdgh.gov.in/NDR/index.php?page_id=790)	6000	41000	47000

Category : Prospective Basins

Basin Name	Onland Area	Offshore Area	Total
Bengal (http://www.ndrdgh.gov.in/NDR/index.php?page_id=797)	57000	32000	89000
Ganga (http://www.ndrdgh.gov.in/NDR/index.php?page_id=1092)	186000	-	186000
Himalyan Foreland (http://www.ndrdgh.gov.in/NDR/index.php?page_id=808)	30000	-	30000
Kerla-Konkan Lakshdweep (http://www.ndrdgh.gov.in/NDR/index.php?page_id=814)	-	94000	94000
Saurashtra (http://www.ndrdgh.gov.in/NDR/index.php?page_id=822)	52000	28000	80000
Vindhyan (http://www.ndrdgh.gov.in/NDR/index.php?page_id=831)	162000	-	162000

Category : Potentially Prospective

Basin Name	Onland Area	Offshore Area	Total
Bastar	5000	-	5000

Bhima Kaladgi (http://www.ndrdgh.gov.in/NDR/index.php?page_id=846)	8500	-	8500
Chhattisgarh (http://www.ndrdgh.gov.in/NDR/index.php?page_id=853)	32000	-	32000
Cuddapah (http://www.ndrdgh.gov.in/NDR/index.php?page_id=860)	39000	-	39000
Deccan Syneclise (http://www.ndrdgh.gov.in/NDR/index.php?page_id=866)	273000	-	273000
Karewa (http://www.ndrdgh.gov.in/NDR/index.php?page_id=873)	3700	-	3700
Narmada	17000	-	17000
Pranhita Godavari (http://www.ndrdgh.gov.in/NDR/index.php?page_id=879)	15000	-	15000
Satpura-S.Rewa-Damodar (http://www.ndrdgh.gov.in/NDR/index.php?page_id=886)	46000	-	46000
Spiti Zaskar (http://www.ndrdgh.gov.in/NDR/index.php?page_id=891)	22000	-	22000