

LULC India: Satellite Imagery Path/Rows and Dates

Table S1. Satellite images used for land use and land cover mapping for the years 1984–1985, 1994–1995 & 2004–2005; details on satellite-sensors, path/row, dates and resolution are shown (the satellite data products were procured from National Remote Sensing Center, India for Resourcesat-LISS III, IRS IB- LISS II. Landsat-MSS/TM/ETM+ sensor data sets were downloaded/obtained from USGS website during the project period).

Part 1: Sensor: MSS Data for 1985

Sensor*	Path	Row	Season		
			Jan–March	April–June	Sep–Dec
MSS	134	40,41,42	-	18-04-1985	25-09-1985
MSS	135	40,41,42,43,44,45	-	25-04-1985	16-09-1985
MSS	136	41,42,43,44	-	16-04-1985	23-09-1985
MSS	137	41,42	-	23-04-1985	30-09-1985
MSS	138	41,42,43	-	30-04-1985	28-09-1985
MSS	139	41,42,43,44,45,46	-	21-04-1985	20-09-1985
MSS	140	41,42,43,44,45,46,47	-	28-04-1985	19-09-1985
MSS	141	41,42,43,44,45,46,47,48,49	-	19-04-1985	26-09-1985
MSS	142	41,42,43,44,45,46,47,48,49,50,51,52,53	-	26-04-1985	17-09-1985
MSS	143	41,42,43,44,45,46,47,48,49,50,51,52,53,54	-	17-04-1985	24-09-1985
		40,41	-	24-04-1985	15-09-1985
MSS	144	42,43,44,45,46,47,48	02-03-1986	24-04-1985	15-09-1985
		49,50,51,52,53,54	-	24-04-1985	15-09-1985
MSS	145	39,40, 41,42,43,44,45,46,47,48,49,50,51,52	-	15-04-1985	22-09-1985
		36,37,38,39,40	-	22-04-1985	28-09-1985
MSS	146	41,42,43,44,45,46,47	11-01-1986	22-04-1985	28-09-1985
		48,49,50,51	-	22-04-1985	28-09-1985
MSS	147	36,37,38,39,40, 41,42,43,44,45,46,47,48,49	-	29-04-1985	20-09-1985
MSS	148	35, 36,37,38,39,40, 41,42,43,44,45,46,47	-	20-04-1985	27-09-1985
		48	14-03-1986	20-04-1985	27-09-1985
		49	-	20-04-1985	27-09-1985
		40	-	27-04-1985	18-09-1985
MSS	149	41	17-02-1986	27-04-1985	18-09-1985
		42,43,44,45	-	27-04-1985	18-09-1985
MSS	150	41,42,43,44,45	-	18-04-1985	25-09-1985
MSS	151	41,42,43,44	-	25-04-1985	16-09-1985

Note: *Resolution-56m.

Part 2: Sensor: TM Data for 1995

Sensor*	Path	Row	Season		
			Jan-March	April-June	Sep-Dec
		40	07-03-1996	-	16-11-1995
TM	134	41	03-01-1996	-	15-10-1995
		42	07-03-1996	11-06-1996	15-10-1995
		40,41	-	15-04-1996	09-11-1996
TM	135	42	-	15-04-1996	-
		43,44	27-02-1996	-	-
		45	-	-	-
		41	-	-	-
TM	136	42	-	30-04-1993	-
		43,44	09-02-1993	-	26-12-1993
TM	137	41	-	07-2005-1993	30-10-1993
		42	-	-	30-10-1993
TM	138	41	-	-	-
		42,43	22-01-1993	-	08-12-1993
		41	-	-	05-11-1996
		42	02-03-1993	-	05-11-1996
TM	139	43	13-01-1993	05-05-1993	05-11-1996
		44	13-01-1993	21-05-1993	05-11-1996
		45	13-01-1993	05-05-1993	05-11-1996
		46	-	05-05-1993	15-12-1993
		41	-	-	04-11-1993
		42	-	31-05-1994	04-11-1993
		43	20-01-1993	26-04-1993	03-10-1993
TM	140	44	20-01-1993	31-05-1994	04-11-1993
		45	04-01-1993	31-05-1994	04-11-1993
		46	04-01-1993	31-05-1994	-
		47	04-01-1993	26-04-1993	-
		41	29-12-1993	16-03-1993	-
TM	141	42	04-02-1993	03-05-1993	11-11-1993
		43,44	16-03-1993	03-05-1993	11-11-1993
		45,46,47,48,49	16-03-1993	03-05-1993	-
		41	-	26-05-1993	20-12-1993
		42,43,44,45	18-01-1993	26-05-1993	20-12-1993
		46,47	18-01-1993	11-04-1994	18-11-1993
TM	142	48	01-02-1993	11-06-1993	18-11-1993

		49	-	11-06-1993	-
		50	-	26-05-1993	-
		51	-	11-06-1993	-
		52,53	-	-	-
		41,42	-	25-03-1997	11-12-1993
		43	26-02-1993	25-03-1997	11-12-1993
		44	26-02-1993	14-03-1993	11-12-1993
		45,46,47	26-02-1993	01-05-1993	11-12-1993
TM	143	48,49	26-02-1993	01-05-1993	27-12-1993
		50	26-02-1993	01-05-1993	-
		51	14-03-1993	01-05-1993	27-12-1993
		52	14-03-1993	01-05-1993	-
		53	14-03-1993	-	-
		54	-	-	-
		40	11-01-1997	05-03-1993	31-10-1993
		41	11-01-1997	-	31-10-1993
		42	28-02-1997	-	31-10-1993
		43	28-02-1997	-	16-11-1993
		44,45,46	28-02-1997	24-05-1993	16-11-1993
		47	05-03-1993	-	16-11-1993
TM	144	48	05-03-1993	24-05-1993	16-11-1993
		49,50	-	05-03-1993	16-11-1993
		51	16-01-1993	-	16-11-1993
		52	16-01-1993	-	-
		53	-	05-03-1993	-
		54	-	-	-
		39,40,41,42,43,44,45	02-01-1997	-	-
TM	145	46	02-01-1997	-	18-11-1997
		47,48,49,50,51,52	02-01-1997	-	-
		36	-	-	-
		37,38	-	22-05-1993	-
TM	146	39	19-03-1993	22-05-1993	29-10-1993
		40,41,42,43,44,45,46	30-01-1993	22-05-1993	30-11-1993
		47,48,49,50,51	30-01-1993	04-04-1993	16-12-1993
		36	-	27-04-1993	-
		37,38	-	01-06-1994	-
		39	22-02-1993	01-06-1994	-
		40	22-02-1993	27-04-1993	-
TM	147	41	22-02-1993	01-06-1994	23-12-1993
		42,43,44,45	05-01-1993	01-06-1994	23-12-1993
		46,47	05-01-1993	29-05-1993	23-12-1993

		48	22-02-1993	29-05-1993	23-12-1993
		49	22-02-1993	01-06-1994	23-12-1993
		35,36,37,38	-	-	14-12-1993
TM	148	39,40,41,42,43	12-01-1993	-	14-12-1993
		44,45,46,47,48,49	23-01-1997	-	14-12-1993
		40	-	11-05-1993	05-12-1993
TM	149	41	19-01-1993	11-05-1993	05-12-1993
		42,43	-	11-05-1993	19-11-1993
		44,45	19-01-1993	11-05-1993	19-11-1993
TM	150	41	26-01-1993	-	12-12-1993
		42,43,44,45	14-02-1994	03-06-1993	12-12-1993
TM	151	41,42,43,44	28-03-1995	09-05-1993	-

Note: *Resolution-30m.

Part 3: Sensor: LISS-II Data for 1995

Sensor	Path	Row	Season		
			Jan-March	April-June	Sep-Dec
LISS-1	12	48	10-3-1993	-	16-11-1994
LISS-1	13	47,49,50	7-3-95	-	9-12-1994
LISS-1	14	50,51,52,53,54	5-2-1994	-	9-11-1993
LISS-1	15	51,52,53	28-2-1995	-	28-10-1994
LISS-1	16	48,49,50,51,52,53	7-2-1994	-	20-11-1994
LISS-1	17	48,49,50,51,52,53	-	2-4-95	8-11-1995
LISS-1	18	48,49,50,51,52,53	16-3-1993	-	22-11-1994
LISS-1	19	48,49,50,51,52,53,54	-	26-4-1995	14-11-1993
LISS-1	20	49,50,51,52,53,54	5-3-1994	-	3-12-1995
LISS-1	21	48,49,50,51,52,53,54	6-3-1994	-	12-10-1994
LISS-1	22	48,49,50,51,52,53,54,55,56,57	29-3-1994	-	13-10-1994
LISS-1	23	48,49,50,51,52,53,54,55,56,57,58,59,60,61	8-3-1994	-	13-10-1994
LISS-1	24	48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63	-	23-5-1995	27-11-1994
LISS-1	25	46,47,48,49, 50,51,52,53,54,55,56,57,58,59,60,61,62,63	-	24-5-1995	24-10-1995
LISS-1	26	46,47,48,49,50,51,52,53,54,55,56,57,58,59	-	11-4-1995	9-12-1995
LISS-1	27	46,47,48,49,50,51,52,53,54,55,56,57,58,59,60	-	12-4-1995	9-11-1994
LISS-1	28	42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60	19-2-1994	-	10-11-94
LISS-1	29	42,43,44,45,46,47,48,49,50,51,52,53,54,55,56	20-2-1994	-	20-11-1995
LISS-1	30	42,43,44,45,46,47,48,49,50,51,52,53,54,56,56,57	15-4-1995	-	25-11-1993
LISS-1	31	42,43,44,45,46,47,48,49,50,51,52,53,54	22-2-1994	-	22-10-1994
LISS-1	32	41,42,43,44,45,46,47,48,49,50,51,52,53,54	23-2-1994	-	23-10-1994

LISS-1	33	41,42,43,44,45,46,47,48,49,50,51,52,53	24-2-1994	-	15-11-1994
LISS-1	34	41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56	16-2-1993	-	16-11-1994

Note: *Resolution-72m.

Part 4: Sensor: ETM+ and TM data for 2005

Sensor*	Path	Row	Season		
			Jan–March	April–June	Sep–Dec
		40	03-01-2005	08-05-2004	03-11-2005
ETM+	134	41	03-01-2005	28-04-2006	11-11-2005
		42	04-02-2005	28-04-2006	05-12-2005
		40	11-02-2005	07-05-2004(TM)	10-11-2005
		41	11-02-2005	02-05-2005	10-11-2005
ETM+	135	42	11-02-2005	02-05-2005	12-12-2005
		43,44	11-02-2005	16-04-2005	26-11-2005
		45	26-01-2005	16-04-2005	26-11-2005
		41	01-01-2005	23-04-2005	30-11-2004
		42	01-01-2005	02-06-2005(TM)	01-11-2005
ETM+	136	43	01-01-2005	10-06-2005	17-11-2005
		44	01-01-2005	15-04-2005(TM)	16-10-2005
ETM+	137	41	08-01-2005	01-04-2006	08-11-2005
		42	13-03-2005	14-04-2005	10-12-2005
		41	07-01-2005	05-04-2005	07-11-2005
ETM+	138	42	07-01-2005	05-04-2005	15-11-2005
		43	07-01-2005	21-04-2005	15-11-2005
		41	06-01-2005	12-04-2005	08-12-2005
		42	06-01-2005	12-04-2005	06-11-2005
		43	06-01-2005	30-05-2005	06-11-2005
ETM+	139	44	06-01-2005	14-05-2005	06-11-2005
		45	06-01-2005	14-05-2005	24-12-2005
		46	06-01-2005	14-05-2005	06-11-2005
		41	05-01-2005(TM)	03-04-2005	31-12-2005
		42	02-03-2005	21-05-2005	15-12-2005
		43	14-02-2005	05-05-2005	13-11-2005
ETM+	140	44	13-01-2005	13-01-2005	13-11-2005
		45	13-01-2005	21-05-2005	13-11-2005
		46	13-01-2005	05-05-2005	13-11-2005
		47	14-02-2005	05-05-2005	13-11-2005
		41	13-02-2005	28-05-2005	06-12-2005
		42,43	04-01-2005	12-05-2005	20-11-2005
		44	04-01-2005	12-05-2005	12-11-2005(TM)

ETM+	141	45	20-01-2005	12-05-2005	12-11-2005
		46	20-01-2005	12-05-2005	12-11-2005(TM)
		47	21-02-2005	12-05-2005	12-11-2005(TM)
		48,49	13-02-2005	12-05-2005	12-11-2005(TM)
		41	12-02-2005	04-06-2005	13-12-2005
		42	27-01-2005	19-05-2005	11-11-2005
		43	11-01-2005	19-05-2005	11-11-2005
		44	11-01-2005	04-06-2005	11-11-2005
		45	11-01-2005	01-04-2005	11-11-2005
		46	12-02-2005	19-05-2005	11-11-2005
ETM+	142	47	12-02-2005	19-05-2005	11-11-2005
		48	12-02-2005	20-06-2005	11-11-2005
		49	12-02-2005	20-06-2005	29-12-2005
		50,51	12-02-2005	19-05-2005	29-12-2005
		52	28-02-2005	19-05-2005	10-12-2004
		53	28-02-2005	17-04-2005	10-12-2004
		41	23-03-2005	26-05-2005	18-11-2005
		42,43	03-02-2005	10-05-2005	18-11-2005
		44	18-01-2005	10-05-2005	18-11-2005
		45	18-01-2005	11-06-2005	18-11-2005
		46	03-02-2005	11-06-2005	18-11-2005
ETM+	143	47,48,49	19-02-2005	10-05-2005	18-11-2005
		50	19-02-2005	26-05-2005	01-12-2004
		51	27-02-2005	26-05-2005	01-12-2004
		52	26-01-2005	26-05-2005	17-12-2004
		53	23-03-2005	27-04-2006	20-12-2005
		54	26-01-2005(TM)	27-04-2006	20-12-2005
		40	26-02-2005	02-06-2005	11-12-2005
		41	26-02-2005	02-06-2005	11-12-2005
		42	09-01-2005	02-06-2005	11-12-2005
		43,44,45	09-01-2005	17-05-2005	11-12-2005
		46	09-01-2005	02-06-2005	27-12-2005
		47	09-01-2005	17-05-2005	27-12-2005
ETM+	144	48	02-02-2005(TM)	17-05-2005	27-12-2005
		49,50	17-01-2005(TM)	01-05-2005	27-12-2005
		51	25-01-2005	12-04-2004	27-12-2005
		52	10-02-2005	12-04-2004	30-12-2006
		53	10-02-2005	15-04-2005	30-12-2006
		54	25-01-2005	-	27-12-2005
		39	14-01-2004	09-06-2005	02-12-2005
		40	15-02-2004	24-05-2005	02-12-2005

		41	15-02-2004	08-05-2005	02-12-2005
		42	17-02-2005	08-05-2005	18-12-2005
		43	05-03-2005	08-05-2005	18-12-2005
		44	08-01-2005(TM)	08-05-2005	18-12-2005
ETM+	145	45	08-01-2005(TM)	09-06-2005	18-12-2005
		46,47	08-01-2005(TM)	06-04-2005	18-12-2005
		48	09-02-2005(TM)	06-04-2005	18-12-2005
		49	16-01-2005	06-04-2005	18-12-2005
		50	16-01-2005	22-04-2005	16-11-2005
		51	16-01-2005	19-04-2004	16-11-2005
		52	05-03-2005	22-04-2005	16-11-2005
		36	12-03-2005	29-04-2005	06-12-2004
		37	12-03-2005	29-04-2005	09-12-2005
		38	07-01-2005	13-04-2005	09-12-2005
ETM+	146	39	08-02-2005	16-06-2005	09-12-2005
		40	08-02-2005	31-05-2005	09-12-2005
		41	07-01-2005	31-05-2005	09-12-2005
		42,43,44,45,46,47,48,49	07-01-2005	15-05-2005	09-12-2005
		50	23-01-2005	10-04-2004	09-12-2005
		51	23-01-2005	12-05-2004	09-12-2005
		36	22-03-2006	20-04-2005	29-10-2005
		37,38	13-02-2004	20-04-2005	16-12-2005
		39	14-01-2005	06-05-2005	16-12-2005
		40	30-01-2005	23-06-2005	16-12-2005
ETM+	147	41	14-01-2005	20-04-2005	16-12-2005
		42,43	14-01-2005	06-05-2005	16-12-2005
		44	14-01-2005	06-05-2005	14-11-2005
		45,46	15-02-2005	06-05-2005	14-11-2005
		47,48,49	14-01-2005	04-04-2005	14-11-2005
		35	22-02-2005	16-05-2006	07-12-2005
		36	22-02-2005	11-04-2005	20-10-2005
		37,38	22-02-2005	11-04-2005	07-12-2005
		39	22-02-2005	14-06-2005	07-12-2005
ETM+	148	40	05-01-2005	13-05-2005	07-12-2005
		41,42	22-02-2005	13-05-2005	07-12-2005
		43,44,45,46,47	05-01-2005	13-05-2005	07-12-2005
		48	08-01-2006	16-05-2006	07-12-2005
		49	08-01-2006	30-04-2006	07-12-2005
		40,41,42	12-01-2005	20-05-2005	14-12-2005
ETM+	149	43	12-01-2005	04-05-2005	12-11-2005
		44,45,46	12-01-2005	04-05-2005	14-12-2005

		41	03-01-2005	11-05-2005	05-12-2005
		42	03-01-2005	11-05-2005	19-11-2005
ETM+	150	43,44	03-01-2005	11-05-2005	03-11-2005
		45	03-01-2005	11-05-2005	05-12-2005
		46	22-01-2006	12-04-2006	05-12-2005
ETM+	151	41,42	26-01-2005	18-05-2005	12-12-2005
		43,44	10-01-2005	18-05-2005	12-12-2005

Note: *Resolution-30m.