

ANNULAR ECLIPSE IN "INDIA" FRIDAY, JANUARY 15, 2010

POSITION	ANNULAR PHASE MN S	MAXIMUM ECLIPSE H MN S	OBSCURATION IN %	FIRST CONTACT			LAST CONTACT		
				H	MN	S	H	MN	S
1 Āgra		13 40 03	45,8	11	51	21	15	13	31
2 Ahmadābad		13 22 28	45,1	11	27	24	15	03	36
3 Ahmadnagar		13 24 11	57,4	11	22	47	15	08	49
4 Ajmer		13 31 16	41,5	11	41	48	15	06	48
5 Aligarh		13 34 43	45,0	11	44	03	15	10	23
6 Allahābād		13 47 22	56,5	11	56	35	15	20	55
7 Alleppey		13 14 18	83,0	11	04	56	15	05	37
8 Amritsar		13 35 04	32,3	11	55	35	15	03	08
9 Aurangabad		13 51 57	62,9	12	01	20	15	24	40
10 Bangalore		13 23 24	77,5	11	16	25	15	11	02
11 Bareilly		13 43 54	45,7	11	57	16	15	15	27
12 Beawar		13 30 01	41,8	11	39	48	15	06	17
13 Belgaum		13 19 15	64,5	11	13	58	15	07	27
14 Bellary		13 24 48	70,8	11	19	19	15	11	27
15 Benares		13 49 38	58,9	11	59	08	15	22	40

> Times are shown in LOCAL TIME.

* Locality crossed by the central band of the Total Eclipse

> This document is the property of SODAP-SOBOMEX and protected by the international authors laws and the protection of the intellectual property.

	POSITION	ANNULAR PHASE MN S	MAXIMUM ECLIPSE H MN S	OBSCURATION IN %	FIRST CONTACT H MN S	LAST CONTACT H MN S
16	Bhavnagar		13 19 44	47,0	11 22 39	15 02 51
17	Bhopāl		13 35 46	53,1	11 40 40	15 14 00
18	Bhubaneswar		13 51 10	76,8	11 56 31	15 26 03
19	Bikāner		13 28 55	36,4	11 42 50	15 02 36
20	Bombay/Mumbai		13 18 08	54,2	11 16 38	15 04 29
21	Budaun		13 43 07	45,9	11 55 58	15 15 07
22	Calcutta/Kolkata		13 57 27	76,1	12 07 04	15 29 01
23	Calicut		13 15 27	78,0	11 06 38	15 06 23
24	Chandigarh Mandir		13 39 25	36,8	11 57 31	15 08 31
25	Churu		13 33 26	38,4	11 47 20	15 06 20
26	Cochin		13 14 42	81,9	11 05 27	15 05 54
27	Coimbatore		13 18 30	80,8	11 10 02	15 08 12
28	Cuddalore		13 27 15	84,0	11 20 56	15 13 11
29	Cuttack		13 51 33	76,5	11 57 11	15 26 13
30	Dehra Dun		13 41 51	39,5	11 58 54	15 11 19
31	Dibrugarh		14 09 22	75,8	12 28 44	15 30 53
32	Faizabad		13 48 46	54,0	12 00 02	15 20 54
33	Fatēngarh		13 43 52	48,2	11 55 37	15 16 27
34	Gauhati		14 04 44	73,5	12 20 31	15 30 55
35	Gaya		13 53 07	64,0	12 02 53	15 25 26
36	Gorakhpur		13 51 13	56,4	12 02 51	15 22 45
37	Guntur		13 35 28	75,3	11 32 57	15 17 45
38	Gwalior		13 39 46	48,0	11 49 27	15 14 18
39	Howrah		13 57 31	75,9	12 07 12	15 29 02
40	Hubli		13 20 17	67,1	11 14 30	15 08 26
41	Hyderābād		13 31 48	68,7	11 29 09	15 15 09
42	Imphāl		14 07 05	80,6	12 23 32	15 30 27
43	Indore		13 31 12	51,5	11 35 04	15 11 00
44	Jabalpur		13 41 39	58,2	11 46 56	15 18 29
45	Jaipur		13 34 36	42,6	11 45 37	15 09 11
46	Jalpaiguri		14 00 33	67,2	12 14 38	15 29 19
47	Jamshedpur		13 53 57	71,3	12 02 09	15 26 55
48	Jhansi		13 40 12	50,4	11 48 40	15 15 25
49	Jodhpur		13 26 55	39,3	11 37 35	15 03 13
50	Jullundur		13 36 44	33,9	11 56 22	15 05 11
51	Kākināda		13 40 37	77,6	11 40 05	15 20 39
52	Kāndla		13 14 55	41,1	11 20 54	14 57 15
53	Kānpur		13 44 37	51,3	11 54 57	15 17 57
54 *	Karungulam	9 58	13 15 33	84,4	11 06 28	15 05 58
55	Kharagpur		13 55 43	74,5	12 04 25	15 28 05
56 *	Kovilpatti	7 40	13 18 05	84,4	11 09 24	15 07 40
57	Lucknow		13 46 17	51,6	11 57 20	15 18 54
58	Ludhiāna		13 37 03	34,9	11 55 52	15 06 01
59 *	Madathara	5 20	13 15 05	84,4	11 05 49	15 05 55
60	Madras/Chennai		13 30 40	82,4	11 25 32	15 15 12
61 *	Madurai	3 02	13 19 58	84,4	11 11 41	15 08 53
62	Mahe		13 15 28	76,5	11 06 50	15 06 22
63	Mangalore		13 15 26	72,2	11 07 29	15 06 07
64	Marmagao		13 16 11	64,2	11 10 20	15 05 36
65	Mathura		13 49 05	52,1	12 01 34	15 20 25

> Times are shown in LOCAL TIME.

* Locality crossed by the central band of the Total Eclipse

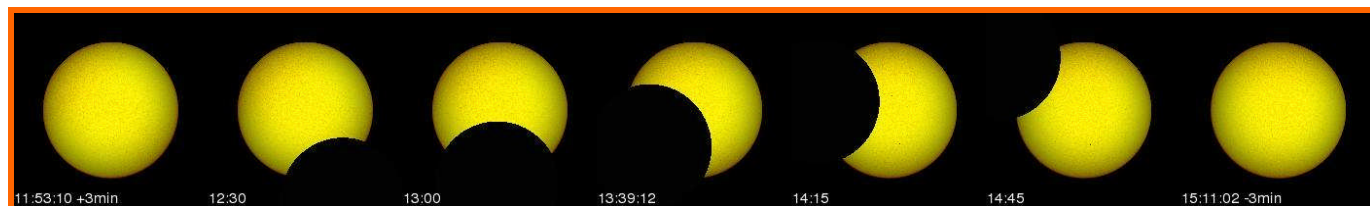
> This document is the property of SODAP-SOBOMEX and protected by the international authors laws and the protection of the intellectual property.

	POSITION	ANNULAR PHASE MN S	MAXIMUM ECLIPSE H MN S	OBSCURATION IN %	FIRST CONTACT H MN S	LAST CONTACT H MN S
66	Meerut		13 40 26	41,5	11 55 05	15 11 41
67	Moradabad		13 42 43	43,6	11 56 59	15 13 53
68	Mysore		13 19 40	77,2	11 11 48	15 08 51
69 *	Nagercoil	9 46	13 15 07	84,4	11 05 57	15 05 44
70	Nāgpur		13 37 59	61,3	11 40 14	15 17 16
71	Nellore		13 31 55	78,8	11 27 32	15 15 55
72	NEW DELHI		13 39 12	41,4	11 53 10	15 11 02
73	Nowgong		13 41 56	52,9	11 49 54	15 17 09
74 *	Palayan Kottai	9 04	13 16 56	84	11 08 03	15 06 53
75 *	Panaikulam	9 45	13 21 24	84	11 13 32	15 09 29
76	Panaji		13 16 24	64,1	11 10 39	15 05 43
77	Patna		13 53 59	62,5	12 04 53	15 25 31
78	Pondicherry		13 27 50	84	11 21 42	15 13 33
79	Poona		13 21 01	57	11 18 54	15 06 57
80 *	Poovar	8 31	13 14 21	84,4	11 05 00	15 05 22
81	Port Blair		13 54 12	67,8	12 04 37	15 24 04
82	Rajahmundry		13 39 37	77	11 38 44	15 20 03
83	Rājkot		13 16 08	43,6	11 20 30	14 59 15
84	Rampur		13 38 58	41,2	11 53 04	15 10 48
85	Ratnagiri		13 16 59	59,5	11 12 56	15 05 11
86	Rohtak		13 37 53	39,8	11 52 37	15 09 29
87	Sagar		13 39 19	54,3	11 45 16	15 16 13
88	Saharanpur		13 40 34	39,3	11 57 03	15 10 35
89	Salem		13 22 49	81,6	11 15 19	15 10 43
90	Sambalpur		13 48 51	70,2	11 54 06	15 24 19
91	Sambhal		13 42 11	43,8	11 56 00	15 13 42
92	Shahjahanpur		13 44 47	47,6	11 57 25	15 16 40
93	Shillong		14 04 40	75,2	12 20 01	15 30 04
94	Sholāpur		13 25 34	62,9	11 22 31	15 10 48
95	Silchar		14 05 35	78,7	12 21 02	15 30 43
96	Srinagar		13 35 46	27,8	12 01 44	14 59 51
97	Sūrat		13 21 03	49,4	11 22 50	15 04 35
98 *	Thanjavur	3 22	13 24 16	84,3	11 17 03	15 11 25
99	Tiruchchirappalli		13 23 06	84,0	11 15 35	15 10 47
100 *	Tirunelveli	8 51	13 16 52	84,4	11 07 58	15 06 52
101 *	Trivandrum	7 06	13 14 16	84,4	11 04 52	15 05 22
102 *	Tuticorin	9 39	13 18 17	84,4	11 09 43	15 07 40
103	Udaipur		13 27 14	43,8	11 34 34	15 05 43
104	Vadodara		13 23 21	47,6	11 26 54	15 05 10
105	Vellore		13 27 31	80,6	11 21 27	15 13 27
106	Vijayawāda		13 36 17	75,2	11 34 08	15 18 11
107	Vishākhapatnam		13 43 46	78,0	11 44 44	15 22 19
108	Warangal		13 35 26	69,5	11 34 03	15 17 14

➤ Times are shown in LOCAL TIME.

* Locality crossed by the central band of the Total Eclipse

➤ This document is the property of SODAP-SOBOMEX and protected by the international authors laws and the protection of the intellectual property.



WHAT YOU WILL SEE OF THE ECLIPSE IN NEW DELHI – 41.4%



WHAT YOU WILL SEE OF THE ECLIPSE IN TUTICORIN – 84.4%



Enjoy the SOLAR ECLIPSE

Admire the eclipses, but above all do not forget to wear our ECLIPSE GLASSES!