

## TOTAL ECLIPSE IN "JAPAN" - "日本国" WEDNESDAY 22 JULY 2009

POSITION	TOTAL PHASE MN S	MAXIMUM ECLIPSE H MN S	OBSCURATION IN %	FIRST CONTACT H MN S	LAST CONTACT H MN S
1 Akita		11 10 25	53,9	09 58 46	12 22 11
2 * Akusekijimma Island	6 25	10 56 33	100	09 35 30	12 21 32
3 * Amami Oshima Island	1 48	10 56 54	100	09 35 23	12 22 28
4 Aomori		11 10 46	49,1	10 01 00	12 20 33
5 Asahikawa		11 11 25	37,1	10 07 19	12 15 20
6 Chiba		11 13 46	69,7	09 56 19	12 31 04
7 Fuji San		11 11 11	72,4	09 53 22	12 29 18
8 Fuku		11 05 55	72,7	09 48 56	12 24 03
9 Fukuoka		10 56 18	89,1	09 37 45	12 18 08
10 Fukushima		11 12 36	60,9	09 58 04	12 27 02
11 Gifu		11 07 25	74,5	09 49 41	12 26 06
12 Hachinohe		11 12 17	49,4	10 02 10	12 22 12
13 Hakodate		11 10 07	45,7	10 01 55	12 18 23
14 Hamamatsu		11 09 47	76,4	09 51 09	12 29 01
15 Himeji		11 03 45	79,4	09 45 31	12 23 41
16 Hirosaki		11 10 30	50,4	10 00 14	12 20 49
17 Hiroshima		10 59 41	83,6	09 41 24	12 20 28
18 Iwaki		11 13 59	63,0	09 58 32	12 29 09
19 * Iwo Jima	5 19	11 28 07	100	10 01 05	12 52 50
20 * Kagoshima	5 45	10 56 57	100	09 36 03	12 21 38

> Times are shown in LOCAL TIME

\* Locality crossed by the central band of the Total Eclipse

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	POSITION	TOTAL PHASE MN S	MAXIMUM ECLIPSE H MN S	OBSCURATION IN %	FIRST CONTACT H MN S	LAST CONTACT H MN S
21	<b>Kamaishi</b>		11 13 50	53,3	10 01 55	12 25 23
22	<b>Kanazawa</b>		11 06 23	70,1	09 50 01	12 23 46
23	<b>Kanoya</b>		10 58 03	97,3	09 37 41	12 21 43
24	<b>Kawasaki</b>		11 12 57	70,5	09 55 23	12 30 29
25 *	<b>Kikai Island</b>	2 33	10 58 02	100	09 35 15	12 23 39
26	<b>Kiryu</b>		11 11 29	67,4	09 55 02	12 28 06
27 *	<b>Kita Iwojima</b>	6 40	11 27 09	100	10 00 28	12 51 41
28	<b>Kitakyūshū</b>		10 56 43	87,3	09 38 24	12 18 12
29	<b>Kōbe</b>		11 04 55	79,5	09 46 25	12 24 54
30	<b>Kōchi</b>		11 02 19	86,0	09 42 59	12 23 48
31 *	<b>Kodakarajima Island</b>	6 10	10 56 03	100	09 35 01	12 21 09
32	<b>Kofu</b>		11 10 43	71,3	09 53 17	12 28 30
33	<b>Koriyama</b>		11 12 42	62,4	09 57 39	12 27 39
34 *	<b>Kuchinoshima Island</b>	5 46	10 57 55	100	09 36 01	12 21 36
35	<b>Kumamoto</b>		10 57 00	91,7	09 37 49	12 19 26
36	<b>Kurume</b>		10 56 19	89,8	09 37 37	12 18 19
37	<b>Kushiro</b>		11 15 07	37,5	10 10 22	12 19 18
38	<b>Kyōto</b>		11 05 44	77,4	09 47 35	12 25 11
39	<b>Maebashi</b>		11 11 07	67,9	09 54 36	12 27 52
40	<b>Maizuru</b>		11 04 37	76,0	09 47 03	12 23 39
41	<b>Matsue</b>		11 00 17	78,4	09 43 00	12 19 48
42	<b>Matsumoto</b>		11 09 05	69,6	09 52 22	12 26 22
43	<b>Matsuyama</b>		11 00 39	85,6	09 41 45	12 21 57
44	<b>Mito</b>		11 13 45	66,1	09 57 21	12 29 57
45	<b>Miyako</b>		11 13 46	51,9	10 02 24	12 24 46
46	<b>Miyazaki</b>		10 59 01	94,6	09 38 52	12 22 12
47	<b>Morioka</b>		11 12 15	52,7	10 00 47	12 23 33
48	<b>Muroran</b>		11 10 09	43,4	10 03 00	12 17 18
49	<b>Nagano</b>		11 09 12	68,0	09 52 57	12 25 59
50	<b>Nagaoka</b>		11 09 51	64,1	09 54 42	12 25 21
51	<b>Nagasaki</b>		10 55 21	92,7	09 36 23	12 17 54
52	<b>Nagoya</b>		11 07 52	75,6	09 49 45	12 26 53
53	<b>Naha</b>		10 53 59	90,9	09 32 43	12 20 11
54 *	<b>Nakanoshima Island</b>	5 59	10 56 52	100	09 35 56	12 21 36
55	<b>Nakatane</b>		10 58 47	99,9	09 37 49	12 23 05
56	<b>Nara</b>		11 06 08	78,8	09 47 37	12 25 58
57	<b>Niigata</b>		11 09 50	61,8	09 55 25	12 24 34
58	<b>Nishinoomote</b>		10 58 48	99,3	09 37 57	12 22 56
59 *	<b>Ogasawara Island</b>	6 15	11 26 56	100	10 00 33	12 51 10
60	<b>Ōita</b>		10 58 36	89,1	09 39 29	12 20 36
61	<b>Okasaki</b>		10 58 18	97,3	09 37 53	12 21 57
62	<b>Okayama</b>		11 02 22	81,0	09 44 04	12 22 38
63	<b>Ōsaka</b>		11 05 30	79,2	09 46 58	12 25 25
64	<b>Ōtsu</b>		11 05 56	77,4	09 47 46	12 25 25
65	<b>Saga</b>		10 56 04	90,3	09 37 23	12 18 09
66	<b>Sakai</b>		11 05 29	79,6	09 46 53	12 25 30
67	<b>Sakata</b>		11 10 36	57,2	09 57 40	12 23 40
68	<b>Sapporo</b>		11 10 15	40,5	10 04 32	12 15 57
69	<b>Sasebo</b>		10 54 50	91,1	09 36 16	12 17 00
70	<b>Satamisaki</b>		10 57 57	98,8	09 37 23	12 21 55

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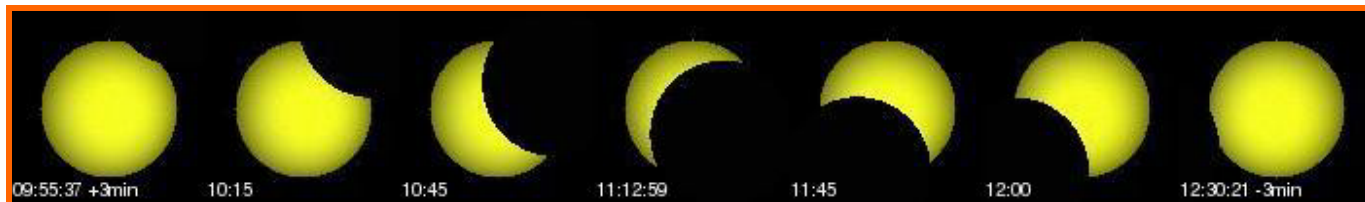
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	POSITION	TOTAL PHASE MN S	MAXIMUM ECLIPSE H MN S	OBSCURATION IN %	FIRST CONTACT H MN S	LAST CONTACT H MN S
71	Sendai		10 12 58	58,4	09 59 15	12 26 30
72	Shimonoseki		10 56 58	86,7	09 38 42	12 18 19
73	Shizuoka		11 10 56	74,3	09 52 37	12 29 36
74 *	Suwanosejima Island	6 21	10 56 40	100	09 35 40	12 21 32
75 *	Tairajima Island	6 19	10 56 18	100	09 35 25	12 21 08
76	Takamatsu		11 02 50	82,2	09 44 11	12 23 26
77	Takaoka		11 06 56	68,9	09 50 49	12 23 57
78 *	Takarajima Island	5 59	10 55 51	100	09 34 50	12 20 58
79 *	Tanegashima Island	2 40	10 58 30	100	09 37 29	12 22 55
80	Tokushima		11 04 04	82,8	09 45 01	12 24 51
81	<b>TOKYŌ</b>		<b>11 12 59</b>	<b>69,8</b>	<b>09 55 37</b>	<b>12 30 21</b>
82 *	Toshimamura Island	6 24	10 56 24	100	09 35 27	12 21 18
83	Tottori		11 02 27	77,1	09 45 04	12 21 43
84	Toyama		11 07 27	68,9	09 51 14	12 24 30
85	Tsu		11 07 29	78,0	09 48 54	12 27 07
86	Urawa		11 12 40	69,2	09 55 32	12 29 49
87	Utsunomiya		11 12 27	66,2	09 56 12	12 28 41
88	Uwajima		11 00 33	88,4	09 41 10	12 22 30
89	Wakayama		11 05 11	81,5	09 46 14	12 25 41
90	Wakkanai		11 09 22	32,4	10 08 15	12 10 29
91 *	Yakushima Island	3 14	10 57 57	100	09 37 01	12 22 23
92	Yamagata		11 11 57	59,6	09 58 09	12 25 43
93	Yamaguchi		10 57 53	85,4	09 39 40	12 19 01
94	Yokohama		11 12 55	70,8	09 55 15	12 30 33
95	Yokote		11 11 28	54,8	09 59 17	12 23 37

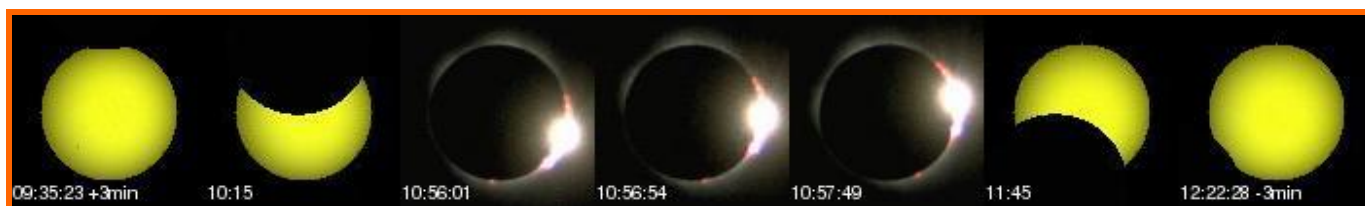
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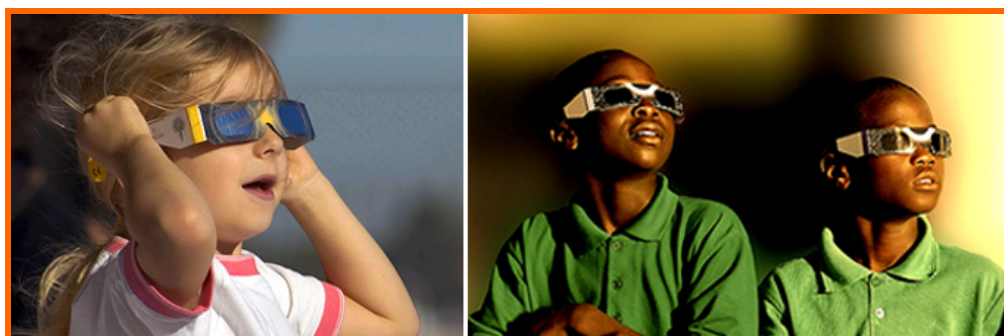
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WHAT YOU WILL SEE OF THE ECLIPSE IN TOKYŌ – 69.8%



WHAT YOU WILL SEE OF THE ECLIPSE IN AMAMI OSHIMA ISLAND – 100%



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

日食の観察をお楽しみください、くれぐれもわが社の日食グラスをお忘れなく！