

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

| POSITION | MAXIMUM ECLIPSE | | | OBSCURATION IN % | FIRST CONTACT | | | LAST CONTACT AT SUNSET | | | |
|---------------|-----------------|----|----|---------------------|---------------|----|----|------------------------|----|----|-------|
| | H | MN | S | | H | MN | S | H | MN | S | OBS.% |
| 1 Fukui | 17 | 03 | 49 | 11,5 | 16 | 46 | 42 | 17 | 03 | 49 | 11,5 |
| 2 Fukuoka | 17 | 32 | 31 | 46,0 | 16 | 45 | 38 | 17 | 32 | 31 | 46,0 |
| 3 Gifu | 17 | 03 | 02 | 10,0 | 16 | 47 | 25 | 17 | 03 | 02 | 10,0 |
| 4 Hamamatsu | 17 | 01 | 05 | 7,4 | 16 | 48 | 23 | 17 | 01 | 05 | 7,4 |
| 5 Himeji | 17 | 12 | 45 | 20,7 | 16 | 46 | 59 | 17 | 12 | 45 | 20,7 |
| 6 Hiroshima | 17 | 22 | 40 | 33,4 | 16 | 46 | 10 | 17 | 22 | 40 | 33,4 |
| 7 Iwo Jima | 17 | 06 | 58 | 2,5 | 16 | 59 | 59 | 17 | 06 | 58 | 2,5 |
| 8 Kagoshima | 17 | 36 | 33 | 47,4 | 16 | 46 | 57 | 17 | 36 | 33 | 47,4 |
| 9 Kanazawa | 17 | 01 | 02 | 9,1 | 16 | 46 | 32 | 17 | 01 | 02 | 9,1 |
| 10 Kiire | 17 | 37 | 03 | 47,4 | 16 | 47 | 09 | 17 | 37 | 03 | 47,4 |
| 11 Kitakyūshū | 17 | 30 | 25 | 43,6 | 16 | 45 | 35 | 17 | 30 | 25 | 43,6 |
| 12 Kōbe | 17 | 11 | 01 | 18,3 | 16 | 47 | 20 | 17 | 11 | 01 | 18,3 |
| 13 Kōchi | 17 | 20 | 18 | 28,6 | 16 | 47 | 22 | 17 | 20 | 18 | 28,6 |
| 14 Kofu | 16 | 55 | 16 | 3,3 | 16 | 47 | 53 | 16 | 55 | 16 | 3,3 |
| 15 Kumamoto | 17 | 33 | 19 | 45,5 | 16 | 46 | 13 | 17 | 33 | 19 | 45,5 |
| 16 Kurume | 17 | 33 | 03 | 46,3 | 16 | 45 | 44 | 17 | 33 | 03 | 46,3 |
| 17 Kyōto | 17 | 08 | 04 | 15,1 | 16 | 47 | 19 | 17 | 08 | 04 | 15,1 |
| 18 Maebashi | 16 | 51 | 31 | 1,4 | 16 | 47 | 28 | 16 | 51 | 31 | 1,4 |
| 19 Matsue | 17 | 17 | 44 | 28,0 | 16 | 45 | 43 | 17 | 17 | 44 | 28,0 |
| 20 Matsuyama | 17 | 22 | 50 | 32,3 | 16 | 46 | 45 | 17 | 22 | 50 | 32,3 |

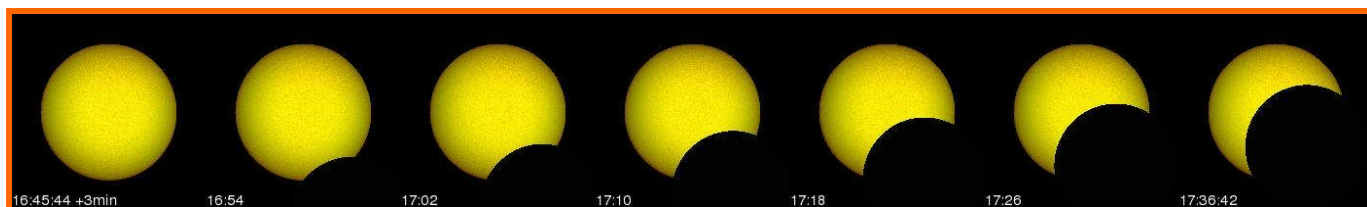
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| POSITION | MAXIMUM ECLIPSE | | | OBSCURATION IN % | FIRST CONTACT | | | LAST CONTACT AT SUNSET | | | |
|----------------|-----------------|----|----|---------------------|---------------|----|----|------------------------|----|----|-------|
| | H | MN | S | | H | MN | S | H | MN | S | OBS.% |
| 21 Miyazaki | 17 | 32 | 12 | 42,1 | 16 | 47 | 20 | 17 | 32 | 12 | 42,1 |
| 22 Nagano | 16 | 54 | 31 | 3,5 | 16 | 46 | 59 | 16 | 54 | 31 | 3,5 |
| 23 Nagasaki | 17 | 36 | 42 | 50,4 | 16 | 45 | 44 | 17 | 36 | 42 | 50,4 |
| 24 Nagoya | 17 | 03 | 19 | 10,0 | 16 | 47 | 43 | 17 | 03 | 19 | 10,0 |
| 25 Naha | 17 | 58 | 34 | 50,5 | 16 | 48 | 35 | 17 | 58 | 55 | 50,5 |
| 26 Nara | 17 | 08 | 33 | 15,3 | 16 | 47 | 37 | 17 | 08 | 33 | 15,3 |
| 27 Niigata | 16 | 47 | 43 | 0,3 | 16 | 46 | 15 | 16 | 47 | 43 | 0,3 |
| 28 Ōita | 17 | 28 | 39 | 39,9 | 16 | 46 | 30 | 17 | 28 | 39 | 39,9 |
| 29 Okayama | 17 | 16 | 19 | 24,9 | 16 | 46 | 43 | 17 | 16 | 19 | 24,9 |
| 30 Okazaki | 17 | 02 | 29 | 9,1 | 16 | 47 | 57 | 17 | 02 | 29 | 9,1 |
| 31 Ōsaka | 17 | 09 | 58 | 16,8 | 16 | 47 | 29 | 17 | 09 | 58 | 16,8 |
| 32 Ōtsu | 17 | 07 | 47 | 14,8 | 16 | 47 | 22 | 17 | 07 | 47 | 14,8 |
| 33 Saga | 17 | 33 | 50 | 47,3 | 16 | 45 | 42 | 17 | 33 | 50 | 47,3 |
| 34 Sakai | 17 | 10 | 12 | 17,1 | 16 | 47 | 32 | 17 | 10 | 12 | 17,1 |
| 35 Sasebo | 17 | 36 | 32 | 51,0 | 16 | 45 | 20 | 17 | 36 | 32 | 51,0 |
| 36 Shimonoseki | 17 | 29 | 36 | 42,6 | 16 | 45 | 36 | 17 | 29 | 36 | 42,6 |
| 37 Shizuoka | 16 | 57 | 31 | 4,6 | 16 | 48 | 25 | 16 | 57 | 31 | 4,6 |
| 38 Takamatsu | 17 | 16 | 36 | 24,8 | 16 | 47 | 02 | 17 | 16 | 36 | 24,8 |
| 39 Tokushima | 17 | 15 | 02 | 22,4 | 16 | 47 | 31 | 17 | 15 | 02 | 22,4 |
| 40 TOKYŌ | 16 | 50 | 31 | 0,6 | 16 | 48 | 18 | 16 | 50 | 31 | 0,6 |
| 41 Tottori | 17 | 13 | 04 | 21,9 | 16 | 46 | 14 | 17 | 13 | 04 | 21,9 |
| 42 Toyama | 16 | 58 | 06 | 6,5 | 16 | 46 | 36 | 16 | 58 | 06 | 6,5 |
| 43 Tsu | 17 | 05 | 49 | 12,3 | 16 | 47 | 55 | 17 | 05 | 49 | 12,3 |
| 44 Urawa | 16 | 50 | 19 | 0,6 | 16 | 48 | 06 | 16 | 50 | 19 | 0,6 |
| 45 Wakayama | 17 | 12 | 12 | 19,1 | 16 | 47 | 42 | 17 | 12 | 12 | 19,1 |
| 46 Yamaguchi | 17 | 27 | 08 | 39,3 | 16 | 45 | 46 | 17 | 27 | 08 | 39,3 |
| 47 Yokohama | 16 | 51 | 31 | 0,9 | 16 | 48 | 25 | 16 | 51 | 31 | 0,9 |

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