



## ANNULAR SOLAR ECLIPSE IN "RUSSIAN FEDERATION" MONDAY, MAY 21<sup>ST</sup> 2012

POSITION	MAXIMUM ECLIPSE H MN S	SUN OBSCURATION IN %	FIRST CONTACT H MN S	LAST CONTACT H MN S
1 Abakan	06 59 05	20,5	06 13 46	07 46 50
2 Aginskoe	08 52 32	37,3	07 54 40	09 55 25
3 Ak'Dovurak	06 55 19	22,5	06 09 27	07 43 47
4 Aliskerovo	11 53 38	40,8	10 42 10	13 06 30
5 Amursk	09 59 51	57,8	08 48 07	11 19 52
6 Anadyr	12 01 41	50,2	10 43 37	13 20 11
7 Angarsk	07 54 50	28,4	07 03 07	08 50 11
8 Arseniev	09 45 58	66,4	08 34 52	11 06 30
9 Baikit	07 11 42	16,6	06 26 55	07 58 31
10 Barnaul	06 01 03	17,6	05 18 53	06 45 10
11 Belogorsk	08 56 15	48,9	07 50 05	10 09 17
12 Belayarsk	06 01 09	17,5	05 18 58	06 45 18
13 Bikine	09 51 37	62,0	08 40 26	11 11 38
14 Biysk	05 59 19	18,8	05 16 15	06 44 31
15 Blagovechtchensk	05 54 40	49,0	07 48 53	10 07 20
16 Bolchoï Kamen	09 54 56	59,5	08 43 50	11 14 28
17 Bratsk	08 01 41	23,2	07 12 23	08 53 57
18 Chadan	06 55 12	22,9	06 08 58	07 44 07
19 Chimanovsk	08 57 58	46,3	07 52 42	10 09 42
20 Chita	08 54 08	35,3	07 57 08	09 55 53

➤ Times are shown as LOCAL TIME

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POSITION	MAXIMUM ECLIPSE H M N S	SUN OBSCURATION IN %	FIRST CONTACT H M N S	LAST CONTACT H M N S
21 Dalnegorsk	09 48 11	68,0	08 35 38	11 10 25
22 Dalneretchensk	09 49 36	63,2	08 38 33	11 09 39
23 Fokino	09 43 14	67,9	08 32 30	11 03 30
24 Gorno-Altaysk	05 58 08	19,7	05 14 33	06 43 57
25 Gusinoozersk	07 52 32	31,5	06 59 03	08 50 04
26 Irkutsk	07 54 26	28,8	07 02 28	08 50 04
27 Iskitim	06 03 08	16,3	05 21 39	06 46 30
28 Kansk	07 02 09	20,4	06 15 43	07 51 09
29 Kemerovo	07 03 22	16,8	06 20 59	07 47 42
30 Khabarovsk	09 55 27	59,5	08 44 13	11 15 09
31 Khe	07 51 44	61,6	06 40 42	09 11 32
32 Khilok	08 52 38	34,0	07 57 06	09 52 40
33 Kholmsk	09 58 05	69,6	08 41 44	11 24 15
34 Klyuchi	11 35 04	64,2	10 12 16	13 03 11
35 Komsomolsk-na-Amure	10 00 36	57,3	08 48 50	11 20 24
36 Krasnokamensk	08 51 13	41,5	07 51 02	09 57 04
37 Krasnoyarsk	07 02 35	19,1	06 17 31	07 50 00
38 Kunkur	08 51 52	38,1	07 53 39	09 55 12
39 Kyzyl	06 55 06	23,9	07 07 42	07 45 20
40 Lesogorsk	08 01 24	22,3	07 13 08	08 52 30
41 Lesosibirsk	07 06 17	17,3	06 22 06	07 52 35
42 Lessozavodsk	09 48 34	63,9	08 37 37	11 08 35
43 Magadan	11 28 42	50,1	10 14 16	12 48 08
44 Makarov	10 01 41	66,9	08 45 22	11 27 19
45 Maslyanino	06 02 22	16,9	05 20 23	06 46 16
46 Mogocha	08 58 28	37,5	07 58 34	10 03 29
<b>47 MOSCOW</b>	<b>****</b>	<b>***</b>	<b>****</b>	<b>****</b>
48 Nakhodka	09 43 08	68,9	08 32 05	11 03 51
49 Neryungri	09 05 38	36,9	08 04 11	10 12 04
50 Nevelsk	09 57 10	70,2	08 40 52	11 23 25
51 Nikolaïevsk-sur-l'Amour	10 08 23	55,5	08 55 24	11 28 46
52 Nizhneangarsk	08 00 39	28,2	07 07 11	08 57 51
53 Novokuznetsk	07 00 25	18,6	06 16 58	07 46 01
54 Novosibirsk	06 03 52	15,9	05 22 37	06 46 56
55 Nyaru	10 23 43	46,1	09 12 33	11 40 00
56 Ogni	05 59 02	18,7	05 23 01	06 43 52
57 Okha	10 11 05	56,6	08 56 55	11 32 38
58 Olekminsk	09 11 20	29,5	08 14 03	10 12 26
59 Onguday	05 56 17	20,9	05 17 14	06 42 41
60 Oussouriisk	09 44 35	65,8	08 34 15	11 04 11
61 Palana	11 37 30	56,9	10 17 56	13 01 30
62 Partizansk	09 43 55	68,4	08 32 45	11 04 45
<b>63 Petropawlowsk-Kamtschatski</b>	<b>11 27 46</b>	<b>70,9</b>	<b>10 03 21</b>	<b>12 59 12</b>
64 Poronaïsk	10 03 06	65,9	08 46 47	11 28 31
65 Prokopyevsk	07 00 49	18,3	06 17 37	07 46 08
66 Raïtchikhinsk	08 54 34	51,7	07 47 25	10 09 01
67 Sayansk	07 57 46	25,6	07 07 30	08 51 18
68 Shagonar	06 55 14	23,3	06 08 31	07 44 41
69 Shakhtersk	10 02 07	65,0	08 46 26	11 26 49
70 Sovetskaïa Gavan	10 00 10	63,7	08 45 39	11 23 37

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POSITION	MAXIMUM ECLIPSE H M N S	SUN OBSCURATION IN %	FIRST CONTACT H M N S	LAST CONTACT H M N S
71 Spassk-Dalni	09 46 32	65,0	08 35 48	11 06 28
72 Sretensk	08 55 10	38,1	07 55 54	09 59 38
73 St Petersburg	****	***	****	***
74 Susuman	11 31 13	42,4	10 21 03	12 45 24
75 Svobodny	05 57 00	47,8	07 51 13	10 09 29
76 Tchegdomyne	09 59 03	52,5	08 50 06	11 15 21
77 Tynda	09 02 45	39,1	08 00 34	10 10 17
78 Ulan-Ude	07 53 37	31,4	06 59 45	08 51 34
79 Uskuch	05 59 22	19,2	05 15 44	06 45 13
80 Ust'-Kut	08 02 23	24,9	07 11 17	08 56 44
81 Ust-Ordynsky	07 55 16	28,6	07 03 14	08 50 59
82 Ust Ulinsk	08 04 43	22,1	07 15 39	08 56 37
83 Vanino	10 00 23	63,4	08 45 55	11 23 43
84 Viazemski	09 53 17	61,1	08 41 59	11 13 17
85 Vladivostok	09 43 17	67,0	08 32 55	11 03 04
86 Wiljutschinsk	11 27 11	70,9	10 02 59	12 58 36
87 Yagel'nyy	11 50 30	57,4	10 29 03	13 14 21
88 Yakutsk	09 18 23	32,8	08 17 03	10 23 37
89 Yuzhno-Sakhalinsk	09 58 30	70,5	08 41 40	11 25 16
90 Zeia	05 56 24	48,2	07 50 33	10 08 59

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WHAT YOU WILL SEE OF THE ECLIPSE IN PETROPAVLOVSK- KAMTSCHATSKI – 70.9%



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