



## ANNULAR ECLIPSE IN "SUDAN" FRIDAY, JANUARY 15, 2010

POSITION	MAXIMUM ECLIPSE			OBSCURATION IN %	FIRST CONTACT AT SUNRISE			LAST CONTACT			
	H	MN	S		H	MN	S	H	MN	S	
1 Ad Damazin	6	34	11	56,1	5	15	11	8	13	26	
2 Ad Damir	6	39	40	41,1	5	24	23	8	12	42	
3 Al Fāshir	6	26	11	59,3	5	45	49	7	53	55	
4 Al Junaynah	6	25	18	60,7	5	49	46	8	52	04	
5 Al Qadārif	6	37	54	49,1	5	19	12	8	16	31	
6 Al Ubayyid	6	30	17	55,8	5	25	31	8	03	26	
7 An Nuhud	6	28	01	58,9	5	31	57	7	59	30	
8 Atbara	6	39	50	40,8	5	24	37	8	12	45	
9 Bentiu	6	26	41	67,6	5	20	56	8	01	30	
10 Bor	6	26	37	74,7	5	09	06	8	04	39	
11 Dunqulah	6	36	49	39,9	5	34	31	8	04	32	
12 Ḥalā'ib	6	50	13	28,8	5	37	11	8	19	07	
13 Juba	6	25	52	78,7	5	07	26	8	04	06	
14 Kaduqli	6	27	56	62,4	5	24	02	8	01	51	
15 Kapoeta	6	28	07	77,1	5	07	54	8	09	16	
16 Kassala	6	41	03	44,8	5	22	20	8	19	31	
17 <b>KHARTOUM</b>	<b>6</b>	<b>35</b>	<b>23</b>	<b>47,4</b>	<b>5</b>	<b>20</b>	<b>06</b>	<b>0,1</b>	<b>8</b>	<b>09</b>	<b>07</b>
18 Kūsti	6	33	12	53,7	5	16	11	8	09	13	
19 Malakāl	6	28	55	64,9	5	13	57	8	05	59	
20 Nimule	6	25	45	81,6	5	06	51	8	04	40	

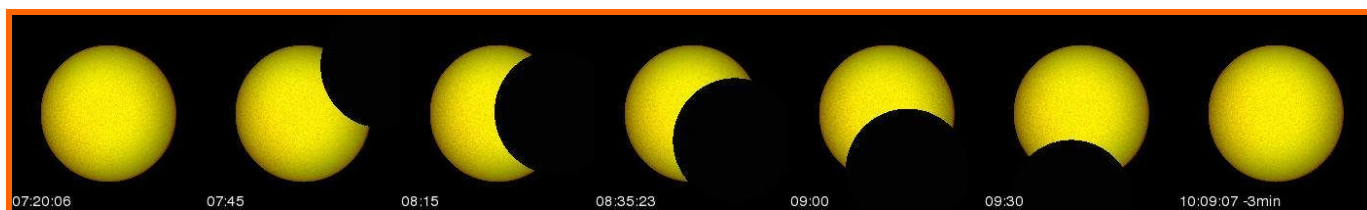
> Times are shown in LOCAL TIME.

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POSITION	MAXIMUM ECLIPSE H MN S	OBSCURATION IN %	FIRST CONTACT AT SUNRISE		LAST CONTACT H MN S
			H MNS	OBS.%	
21 Nyala	08 24 31	64,4	07 45 14	29,7	9 52 34
22 Omdurman	08 35 23	47,2	07 20 31	0,1	10 09 00
23 Port Sudan	08 47 30	34,2	07 31 33		10 21 06
24 Rabak	08 33 16	53,7	07 16 12		10 09 23
25 Rumbek	08 25 01	74,8	07 17 31	4,8	10 00 25
26 Sannar	08 34 51	51,8	07 17 18		10 11 45
27 Sawakin	08 47 12	35,2	07 30 36		10 21 49
28 Sinjah	08 34 53	52,7	07 16 53		10 12 29
29 Uwayl	08 24 12	71,3	07 29 39	15,2	9 56 16
30 Wad Madani	08 35 33	49,6	07 18 32		10 11 33
31 Wādi Ḥalfā'	08 41 16	33,1	07 35 57	1,2	10 06 22
32 Warab	08 24 51	71,9	07 23 58	9,6	9 58 34
33 Wāw	08 24 02	73,8	07 25 36	11,9	9 57 06
34 Yambio	08 22 42	81,9	07 19 08	17,7	9 56 37

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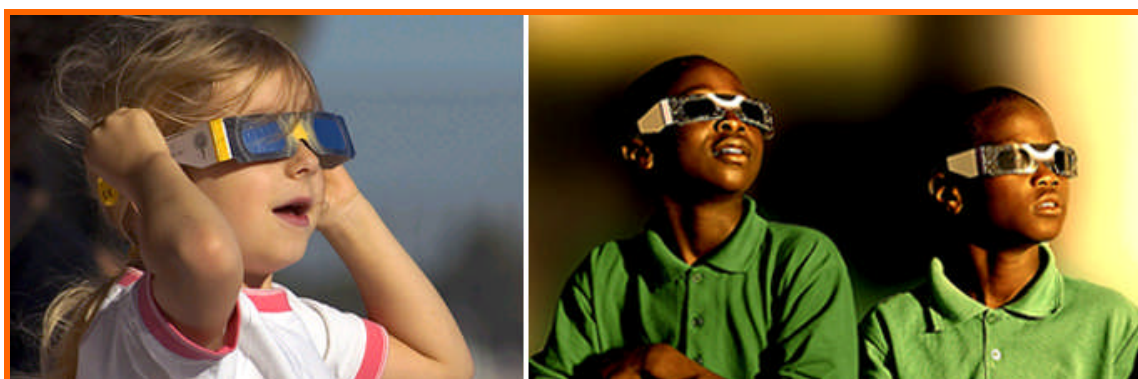
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WHAT YOU WILL SEE OF THE ECLIPSE IN KHARTOUM – 47.4%



WHAT YOU WILL SEE OF THE ECLIPSE IN JUBA – 78.7%



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