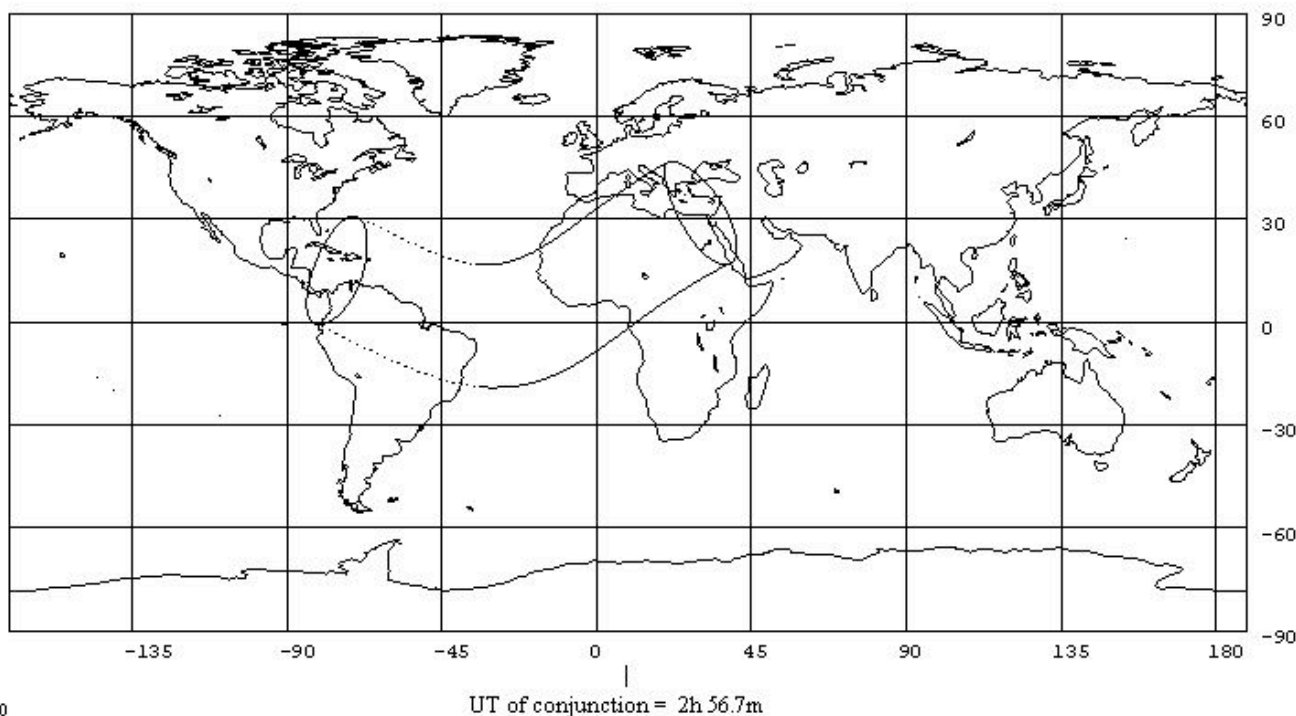


OCCULTATION OF SIGMA SGR on 09 SEPT

Occultation of 2750SB2, Magnitude 2.1, on 2008 Sep 10



UNIVERSAL TIME OF DISAPPEARANCE & REAPPEARANCE

Occultation predictions of 2750SB2 Magnitude 2.1
Date 2008 Sep 9

Moon: % illumination = 71+, Solar elongation = 114

Disappearance

Location	U.T.			Sun Moon			CA	PA	WA	a	b
	h	m	s	Alt	Alt	Az					
ABIDJAN	21	6	59		52	213	89N	82	86	+2.9	+0.3
ASWAN	21	59	13		7	237	79S	94	98	+0.9	-1.0
ATHENS	21	50	48		7	229	43N	36	40	+0.1	+0.4
BAMAHO	20	54	0		50	195	54N	47	51	+2.3	+1.8
BELEM	18	49	25	35	27	119	73S	100	104	+1.1	-0.4
BENHAZI	21	47	57		13	227	54N	47	51	+0.4	+0.3
BUCHAREST	21	54	10		1	231	26N	19	23	-0.5	+0.9
CAIRO	21	53	44		6	235	79N	72	76	+0.5	-0.5
CAYENNE	18	45	11	41	19	120	88S	85	89	+1.1	+0.4
CUIABA	18	52	50	43	21	115	34S	139	143	-0.3	-2.6
DAKAR	20	37	49		49	176	32N	25	29	+2.2	+3.6
FREETOWN	20	32	32		55	180	58N	51	55	+2.9	+1.9
GEORGETOWN	18	40	39	48	12	119	85S	88	92	+0.7	+0.3
ILHEUS	19	22	48	16	48	113	34S	139	143	+1.1	-3.9
IQUITOS	18	57	38	57	7	116	9S	164	168	-2.5	-5.6
ISTANBUL	21	51	40		2	233	43N	36	41	-0.1	+0.2
JERUSALEM	21	54	36		2	237	81N	74	78	+0.4	-0.6
KANO	21	29	59		38	222	87N	80	84	+2.1	+0.0
KHARTOUM	22	13	54		9	239	42S	132	136	+2.4	-3.6
LOME TOGO	21	10	57		50	215	89N	82	86	+2.8	+0.2
LOS LAGOS	21	17	9		47	219	87S	86	90	+2.8	+0.0
MANAUS	18	44	54	48	16	116	49S	125	129	+0.0	-1.5

MONROVIA	20 36 10	57 186	68N	61	65	+3.0	+1.4
NAPLES	21 57 39	9 223	10N	2	7	-1.4	+2.8
NDJAMENA	21 43 38	31 229	78S	95	99	+2.1	-0.6
NOUAKCHOTT	20 54 11	46 184	20N	13	17	+1.2	+4.5
OUAGADOUGOU	21 8 19	46 208	66N	59	63	+2.2	+1.1
PORTO VELHO	19 4 57	45 20 115	6S	167	172	-3.1	-8.2
RECIFE	19 15 0	15 47 120	68S	105	110	+2.1	-1.1
SANTAREM	18 45 20	42 21 117	60S	113	117	+0.5	-1.0
SEBHA	21 42 40	21 223	57N	50	54	+0.8	+0.5
TOMBOUCTOU	21 11 15	43 205	51N	44	48	+1.8	+1.6
TRIPOLI	21 45 58	17 222	38N	31	35	+0.2	+1.0
TUNIS	21 52 2	15 220	16N	9	13	-0.7	+2.2
YAOUNDE	21 43 50	39 231	56S	117	122	+3.6	-2.0

Reappearance

Location	U.T.			Sun Moon			CA	PA	WA	a	b
	h	m	s	Alt	Alt	Az	o	o	o	m/o	m/o
ABIDJAN	22	33	41		37	231	-54S	227	231	+0.9	+1.5
BAMAKO	22	25	29		39	220	-87N	266	270	+2.4	-0.2
BELEM	20	14	52	14	45	127	-86S	259	263	+2.5	+0.5
BOGOTA	19	36	9	50	11	118	-70S	243	247	+1.1	+1.2
CARACAS	19	47	17	40	17	122	-79N	274	278	+0.9	+0.3
CAYENNE	20	7	26	20	36	128	-77N	276	280	+2.0	-0.1
CUIABA	19	44	22	31	33	117	-51S	224	228	+2.4	+2.3
DAKAR	21	52	31		46	201	-58N	295	299	+4.3	-1.8
FREETOWN	22	11	52		48	214	-88N	265	269	+2.9	+0.0
GEORGETOWN	19	57	19	29	28	125	-78N	275	279	+1.5	+0.1
ILHEUS	20	19	51	2	61	118	-39S	212	216	+3.2	+3.9
IQUITOS	19	18	31	52	12	116	-28S	201	205	+3.2	+5.4
KANO	22	47	39		24	234	-56S	229	233	+0.4	+1.0
KHARTOUM	22	41	17		3	242	-10S	183	187	-1.9	+3.8
LOME TOGO	22	35	59		35	232	-54S	227	231	+0.8	+1.5
LOS LAGOS	22	37	56		33	233	-50S	223	227	+0.6	+1.6
MANAUS	19	48	4	32	30	119	-66S	239	243	+2.0	+1.3
MERIDA	19	42	23	45	14	120	-88S	261	265	+0.9	+0.6
MONROVIA	22	17	43		47	220	-80S	253	257	+2.3	+0.6
NAPLES	22	26	20		5	228	-37N	315	320	+2.8	-4.2
NDJAMENA	22	48	45		18	237	-42S	215	219	-0.1	+1.5
NOUAKCHOTT	21	51	7		43	201	-47N	306	310	+4.9	-3.0
OUAGADOUGOU	22	38	18		33	227	-78S	251	255	+1.5	+0.3
PORT AU PRINCE	19	44	47	45	8	121	-62N	291	295	+0.4	+0.0
PORTO VELHO	19	22	57	41	24	115	-23S	196	201	+4.6	+7.8
RECIFE	20	49	44	-9	66	140	-68S	241	245	+3.3	+1.5
SAN JUAN	19	47	22	38	13	124	-52N	300	305	+0.5	-0.4
SANTAREM	19	59	54	24	37	122	-76S	249	253	+2.2	+0.9
SEBHA	22	53	18		9	234	-90S	263	267	+0.8	-0.7
TOMBOUCTOU	22	35	23		31	224	-86N	267	272	+2.0	-0.4
TRIPOLI	22	45	5		8	232	-69N	284	288	+1.4	-1.7
TUNIS	22	30	35		10	227	-46N	307	312	+2.5	-3.3
YAOUNDE	22	31	17		29	237	-18S	191	195	-1.0	+3.5

Sites

Location	E.	Long	Latitude
ABIDJAN	-	0 5.0	5 19.0
ASWAN		32 56.0	24 5.0
ATHENS		23 43.0	37 58.0
BAMAKO	-	8 0.0	12 39.0
BELEM	-	48 29.0	- 1 27.0
BENHAZI		20 4.0	32 7.0
BOGOTA	-	74 5.0	4 36.0
BUCHAREST		26 6.0	44 26.0
CAIRO		31 15.0	30 3.0
CARACAS	-	66 56.0	10 30.0
CAYENNE	-	52 20.0	4 56.0
CUIABA	-	58 25.0	- 7 15.0

DAKAR	- 17 26.0	14 40.0
FREETOWN	- 13 15.0	8 30.0
GEORGETOWN	- 58 10.0	6 48.0
ILHEUS	- 39 6.0	-14 50.0
IQUITOS	- 73 13.0	- 3 51.0
ISTANBUL	28 58.0	41 1.0
JERUSALEM	35 13.0	31 47.0
KANO	8 31.0	12 0.0
KHARTOUM	32 32.0	15 36.0
LOME TOGO	1 13.0	6 8.0
LOS LAGOS	3 24.0	6 27.0
MANAUS	- 60 0.0	- 3 6.0
MERIDA	- 71 8.0	8 24.0
MONROVIA	- 10 47.0	6 18.0
NAPLES	14 17.0	40 51.0
NDJAMENA	14 59.0	12 10.0
NOUAKCHOTT	- 15 58.0	18 9.0
OUAGADOUGOU	- 1 31.0	12 22.0
PORT AU PRINCE	- 72 20.0	18 32.0
PORTO VELHO	- 63 54.0	- 8 45.0
RECIFE	- 34 53.0	- 8 6.0
SAN JUAN	- 66 7.0	18 28.0
SANTAREM	- 54 41.0	- 2 26.0
SEBHA	14 26.0	27 2.0
TOMBOUCTOU	- 2 59.0	16 49.0
TRIPOLI	13 11.0	32 54.0
TUNIS	10 11.0	36 48.0
YAOUNDE	11 31.0	3 52.0

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