

2008

## THE SUNDIAL PRIMER

SUNDIAL KITS  
CORRECT-A-DIAL  
DIALLING BUDDY  
DIALLING GUIDE  
CHECK-A-DIAL  
INCLINOMETER  
DECLINOMETER  
SNOURTHOMETER  
AND MUCH MORE!

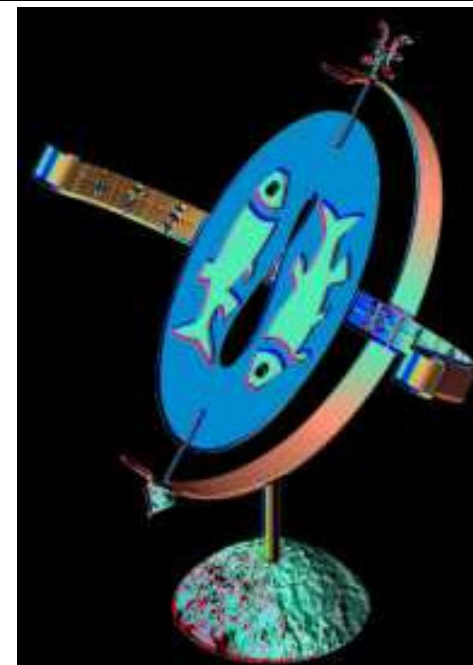
GET HOOKED ON GNOMONICS!



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EQUATION OF TIME  
2008



## THE SUNDIAL PRIMER

GET HOOKED ON GNOMONICS!

[WWW.MYSUNDIAL.CA](http://WWW.MYSUNDIAL.CA)

CREATED BY CARL SABANSKI



**EQUATION OF TIME – 2008**

Day No.	Date		Correction		The Sundial Is
	Month	Day	Min.	Sec.	
336	December	1	-10	49	FAST
337	December	2	-10	26	FAST
338	December	3	-10	02	FAST
339	December	4	-9	38	FAST
340	December	5	-9	13	FAST
341	December	6	-8	48	FAST
342	December	7	-8	22	FAST
343	December	8	-7	55	FAST
344	December	9	-7	29	FAST
345	December	10	-7	01	FAST
346	December	11	-6	34	FAST
347	December	12	-6	06	FAST
348	December	13	-5	37	FAST
349	December	14	-5	09	FAST
350	December	15	-4	40	FAST
351	December	16	-4	11	FAST
352	December	17	-3	41	FAST
353	December	18	-3	12	FAST
354	December	19	-2	42	FAST
355	December	20	-2	12	FAST
356	December	21	-1	43	FAST
357	December	22	-1	13	FAST
358	December	23	-0	43	FAST
359	December	24	-0	13	FAST
360	December	25	0	17	SLOW
361	December	26	0	46	SLOW
362	December	27	1	16	SLOW
363	December	28	1	45	SLOW
364	December	29	2	14	SLOW
365	December	30	2	43	SLOW
366	December	31	3	12	SLOW

**EQUATION OF TIME – 2008**

Day No.	Date		Correction		The Sundial Is
	Month	Day	Min.	Sec.	
1	January	1	3	19	SLOW
2	January	2	3	47	SLOW
3	January	3	4	15	SLOW
4	January	4	4	43	SLOW
5	January	5	5	10	SLOW
6	January	6	5	37	SLOW
7	January	7	6	03	SLOW
8	January	8	6	29	SLOW
9	January	9	6	54	SLOW
10	January	10	7	19	SLOW
11	January	11	7	43	SLOW
12	January	12	8	07	SLOW
13	January	13	8	30	SLOW
14	January	14	8	52	SLOW
15	January	15	9	14	SLOW
16	January	16	9	35	SLOW
17	January	17	9	55	SLOW
18	January	18	10	15	SLOW
19	January	19	10	34	SLOW
20	January	20	10	52	SLOW
21	January	21	11	10	SLOW
22	January	22	11	26	SLOW
23	January	23	11	42	SLOW
24	January	24	11	58	SLOW
25	January	25	12	12	SLOW
26	January	26	12	26	SLOW
27	January	27	12	39	SLOW
28	January	28	12	51	SLOW
29	January	29	13	02	SLOW
30	January	30	13	12	SLOW
31	January	31	13	22	SLOW

**EQUATION OF TIME – 2008**

Day No.	Date		Correction		The Sundial Is
	Month	Day	Min.	Sec.	
32	February	1	13	31	SLOW
33	February	2	13	39	SLOW
34	February	3	13	46	SLOW
35	February	4	13	52	SLOW
36	February	5	13	58	SLOW
37	February	6	14	02	SLOW
38	February	7	14	06	SLOW
39	February	8	14	09	SLOW
40	February	9	14	12	SLOW
41	February	10	14	13	SLOW
42	February	11	14	14	SLOW
43	February	12	14	14	SLOW
44	February	13	14	13	SLOW
45	February	14	14	12	SLOW
46	February	15	14	09	SLOW
47	February	16	14	06	SLOW
48	February	17	14	03	SLOW
49	February	18	13	58	SLOW
50	February	19	13	53	SLOW
51	February	20	13	47	SLOW
52	February	21	13	41	SLOW
53	February	22	13	34	SLOW
54	February	23	13	26	SLOW
55	February	24	13	18	SLOW
56	February	25	13	09	SLOW
57	February	26	12	59	SLOW
58	February	27	12	49	SLOW
59	February	28	12	39	SLOW
60	February	29	12	27	SLOW

**EQUATION OF TIME – 2008**

Day No.	Date		Correction		The Sundial Is
	Month	Day	Min.	Sec.	
306	November	1	-16	25	FAST
307	November	2	-16	26	FAST
308	November	3	-16	26	FAST
309	November	4	-16	25	FAST
310	November	5	-16	23	FAST
311	November	6	-16	20	FAST
312	November	7	-16	17	FAST
313	November	8	-16	13	FAST
314	November	9	-16	08	FAST
315	November	10	-16	02	FAST
316	November	11	-15	55	FAST
317	November	12	-15	48	FAST
318	November	13	-15	39	FAST
319	November	14	-15	30	FAST
320	November	15	-15	20	FAST
321	November	16	-15	09	FAST
322	November	17	-14	57	FAST
323	November	18	-14	44	FAST
324	November	19	-14	31	FAST
325	November	20	-14	16	FAST
326	November	21	-14	01	FAST
327	November	22	-13	45	FAST
328	November	23	-13	29	FAST
329	November	24	-13	11	FAST
330	November	25	-12	53	FAST
331	November	26	-12	34	FAST
332	November	27	-12	14	FAST
333	November	28	-11	54	FAST
334	November	29	-11	33	FAST
335	November	30	-11	11	FAST

**EQUATION OF TIME – 2008**

Day No.	Date		Correction		The Sundial Is
	Month	Day	Min.	Sec.	
275	October	1	-10	28	FAST
276	October	2	-10	47	FAST
277	October	3	-11	06	FAST
278	October	4	-11	24	FAST
279	October	5	-11	42	FAST
280	October	6	-12	00	FAST
281	October	7	-12	17	FAST
282	October	8	-12	34	FAST
283	October	9	-12	50	FAST
284	October	10	-13	06	FAST
285	October	11	-13	22	FAST
286	October	12	-13	37	FAST
287	October	13	-13	51	FAST
288	October	14	-14	05	FAST
289	October	15	-14	18	FAST
290	October	16	-14	31	FAST
291	October	17	-14	43	FAST
292	October	18	-14	55	FAST
293	October	19	-15	06	FAST
294	October	20	-15	16	FAST
295	October	21	-15	26	FAST
296	October	22	-15	35	FAST
297	October	23	-15	43	FAST
298	October	24	-15	51	FAST
299	October	25	-15	58	FAST
300	October	26	-16	04	FAST
301	October	27	-16	09	FAST
302	October	28	-16	14	FAST
303	October	29	-16	18	FAST
304	October	30	-16	21	FAST
305	October	31	-16	23	FAST

**EQUATION OF TIME – 2008**

Day No.	Date		Correction		The Sundial Is
	Month	Day	Min.	Sec.	
61	March	1	12	16	SLOW
62	March	2	12	04	SLOW
63	March	3	11	51	SLOW
64	March	4	11	38	SLOW
65	March	5	11	24	SLOW
66	March	6	11	10	SLOW
67	March	7	10	56	SLOW
68	March	8	10	41	SLOW
69	March	9	10	26	SLOW
70	March	10	10	11	SLOW
71	March	11	9	55	SLOW
72	March	12	9	39	SLOW
73	March	13	9	22	SLOW
74	March	14	9	06	SLOW
75	March	15	8	49	SLOW
76	March	16	8	32	SLOW
77	March	17	8	15	SLOW
78	March	18	7	57	SLOW
79	March	19	7	40	SLOW
80	March	20	7	22	SLOW
81	March	21	7	04	SLOW
82	March	22	6	46	SLOW
83	March	23	6	28	SLOW
84	March	24	6	10	SLOW
85	March	25	5	52	SLOW
86	March	26	5	33	SLOW
87	March	27	5	15	SLOW
88	March	28	4	57	SLOW
89	March	29	4	39	SLOW
80	March	30	4	21	SLOW
81	March	31	4	03	SLOW

**EQUATION OF TIME – 2008**

Day No.	Date		Correction		The Sundial Is
	Month	Day	Min.	Sec.	
92	April	1	3	45	SLOW
93	April	2	3	28	SLOW
94	April	3	3	10	SLOW
95	April	4	2	53	SLOW
96	April	5	2	35	SLOW
97	April	6	2	18	SLOW
98	April	7	2	01	SLOW
99	April	8	1	45	SLOW
100	April	9	1	29	SLOW
101	April	10	1	12	SLOW
102	April	11	0	57	SLOW
103	April	12	0	41	SLOW
104	April	13	0	26	SLOW
105	April	14	0	11	SLOW
106	April	15	-0	03	FAST
107	April	16	-0	18	FAST
108	April	17	-0	31	FAST
109	April	18	-0	45	FAST
110	April	19	-0	58	FAST
111	April	20	-1	10	FAST
112	April	21	-1	22	FAST
113	April	22	-1	34	FAST
114	April	23	-1	45	FAST
115	April	24	-1	56	FAST
116	April	25	-2	06	FAST
117	April	26	-2	16	FAST
118	April	27	-2	25	FAST
119	April	28	-2	34	FAST
120	April	29	-2	42	FAST
121	April	30	-2	50	FAST

**EQUATION OF TIME – 2008**

Day No.	Date		Correction		The Sundial Is
	Month	Day	Min.	Sec.	
245	September	1	-0	08	FAST
246	September	2	-0	27	FAST
247	September	3	-0	47	FAST
248	September	4	-1	07	FAST
249	September	5	-1	27	FAST
240	September	6	-1	47	FAST
251	September	7	-2	07	FAST
252	September	8	-2	28	FAST
253	September	9	-2	49	FAST
254	September	10	-3	10	FAST
255	September	11	-3	31	FAST
256	September	12	-3	52	FAST
257	September	13	-4	13	FAST
258	September	14	-4	35	FAST
259	September	15	-4	56	FAST
260	September	16	-5	18	FAST
261	September	17	-5	39	FAST
262	September	18	-6	00	FAST
263	September	19	-6	22	FAST
264	September	20	-6	43	FAST
265	September	21	-7	04	FAST
266	September	22	-7	26	FAST
267	September	23	-7	47	FAST
268	September	24	-8	07	FAST
269	September	25	-8	28	FAST
270	September	26	-8	49	FAST
271	September	27	-9	09	FAST
272	September	28	-9	29	FAST
273	September	29	-9	49	FAST
274	September	30	-10	09	FAST

**EQUATION OF TIME – 2008**

Day No.	Date		Correction		The Sundial Is
	Month	Day	Min.	Sec.	
214	August	1	6	18	SLOW
215	August	2	6	14	SLOW
216	August	3	6	09	SLOW
217	August	4	6	03	SLOW
218	August	5	5	57	SLOW
219	August	6	5	51	SLOW
220	August	7	5	43	SLOW
221	August	8	5	35	SLOW
221	August	9	5	27	SLOW
223	August	10	5	18	SLOW
224	August	11	5	08	SLOW
225	August	12	4	58	SLOW
226	August	13	4	47	SLOW
227	August	14	4	36	SLOW
228	August	15	4	24	SLOW
229	August	16	4	12	SLOW
230	August	17	3	59	SLOW
231	August	18	3	45	SLOW
232	August	19	3	31	SLOW
233	August	20	3	17	SLOW
234	August	21	3	02	SLOW
235	August	22	2	47	SLOW
236	August	23	2	31	SLOW
237	August	24	2	15	SLOW
238	August	25	1	58	SLOW
239	August	26	1	42	SLOW
240	August	27	1	24	SLOW
241	August	28	1	06	SLOW
242	August	29	0	48	SLOW
243	August	30	0	30	SLOW
244	August	31	0	11	SLOW

**EQUATION OF TIME – 2008**

Day No.	Date		Correction		The Sundial Is
	Month	Day	Min.	Sec.	
122	May	1	-2	57	FAST
123	May	2	-3	04	FAST
124	May	3	-3	10	FAST
125	May	4	-3	16	FAST
126	May	5	-3	21	FAST
127	May	6	-3	25	FAST
128	May	7	-3	29	FAST
129	May	8	-3	32	FAST
130	May	9	-3	35	FAST
131	May	10	-3	37	FAST
132	May	11	-3	39	FAST
133	May	12	-3	40	FAST
134	May	13	-3	40	FAST
135	May	14	-3	40	FAST
136	May	15	-3	39	FAST
137	May	16	-3	38	FAST
138	May	17	-3	36	FAST
139	May	18	-3	34	FAST
140	May	19	-3	31	FAST
141	May	20	-3	27	FAST
142	May	21	-3	23	FAST
143	May	22	-3	19	FAST
144	May	23	-3	14	FAST
145	May	24	-3	08	FAST
146	May	25	-3	02	FAST
147	May	26	-2	56	FAST
148	May	27	-2	49	FAST
149	May	28	-2	41	FAST
150	May	29	-2	33	FAST
151	May	30	-2	25	FAST
152	May	31	-2	16	FAST

**EQUATION OF TIME – 2008**

Day No.	Date		Correction		The Sundial Is
	Month	Day	Min.	Sec.	
153	June	1	-2	07	FAST
154	June	2	-1	57	FAST
155	June	3	-1	47	FAST
156	June	4	-1	37	FAST
157	June	5	-1	26	FAST
158	June	6	-1	15	FAST
159	June	7	-1	04	FAST
160	June	8	-0	53	FAST
161	June	9	-0	41	FAST
162	June	10	-0	29	FAST
163	June	11	-0	17	FAST
164	June	12	-0	04	FAST
165	June	13	0	08	SLOW
166	June	14	0	21	SLOW
167	June	15	0	34	SLOW
168	June	16	0	47	SLOW
169	June	17	1	00	SLOW
170	June	18	1	13	SLOW
171	June	19	1	26	SLOW
172	June	20	1	39	SLOW
173	June	21	1	52	SLOW
174	June	22	2	05	SLOW
175	June	23	2	18	SLOW
176	June	24	2	31	SLOW
177	June	25	2	43	SLOW
178	June	26	2	56	SLOW
179	June	27	3	08	SLOW
180	June	28	3	21	SLOW
181	June	29	3	33	SLOW
182	June	30	3	45	SLOW

**EQUATION OF TIME – 2008**

Day No.	Date		Correction		The Sundial Is
	Month	Day	Min.	Sec.	
183	July	1	3	56	SLOW
184	July	2	4	07	SLOW
185	July	3	4	18	SLOW
186	July	4	4	29	SLOW
187	July	5	4	40	SLOW
188	July	6	4	50	SLOW
189	July	7	4	59	SLOW
190	July	8	5	08	SLOW
191	July	9	5	17	SLOW
192	July	10	5	26	SLOW
193	July	11	5	34	SLOW
194	July	12	5	41	SLOW
195	July	13	5	48	SLOW
196	July	14	5	55	SLOW
197	July	15	6	01	SLOW
198	July	16	6	06	SLOW
199	July	17	6	11	SLOW
200	July	18	6	16	SLOW
201	July	19	6	20	SLOW
202	July	20	6	23	SLOW
203	July	21	6	26	SLOW
204	July	22	6	28	SLOW
205	July	23	6	30	SLOW
206	July	24	6	31	SLOW
207	July	25	6	32	SLOW
208	July	26	6	31	SLOW
209	July	27	6	31	SLOW
210	July	28	6	29	SLOW
211	July	29	6	28	SLOW
212	July	30	6	25	SLOW
213	July	31	6	22	SLOW