TABLE 4.—GHA and Declination of the Sun for the Years 2001–2036 — Argument "Orbit Time" — Continued

a. Corr. from GMT to OT

Year	Corr.	Year	Corr.	Year	Corr.
	h		h		h
2001	+10	2013	+13	2025	+15
2002	+ 5	2014	+ 7	2026	+ 9
2003	- 1	2015	+ 1	2027	+ 4
2004	- 7	2016	- 5	2028	- 2
2004	+17 *	2016	+19 *	2028	+22 *
2005	+11	2017	+14	2029	+16
2006	+ 6	2018	+ 8	2030	+10
2007	0	2019	+ 2	2031	+ 4
2008	- 6	2020	- 4	2032	- 1
2008	+18 *	2020	+20 *	2032	+23 *
2009	+12	2021	+14	2033	+17
2010	+ 6	2022	+ 8	2034	+11
2011	+ 1	2023	+ 3	2035	+ 5
2012	- 5	2024	- 3	2036	- 1
2012	+19 *	2024	+21 *	2036	+23 *

* After Feb. 29

b. Interpolation for Hours of OT

Diff.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
h	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
2	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
3	0	0	0	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	3	3
4	0	0	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	3	3	4	4	4	4
5	0	0	1	1	1	1	1	2	2	2	2	3	3	3	3	3	4	4	4	4	4	5	5	5
6	0	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6
7	0	1	1	1	1	2	2	2	3	3	3	4	4	4	4	5	5	5	6	6	6	6	7	7
8	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8
9	0	1	1	2	2	2	3	3	3	4	4	5	5	5	6	6	6	7	7	8	8	8	9	9
10	0	1	1	2	2	3	3	3	4	4	5	5	5	6	6	7	7	8	8	8	9	9	10	10
11	0	1	1	2	2	3	3	4	4	5	5	6	6	6	7	7	8	8	9	9	10	10	11	11

Diff.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
h	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
12	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12
13	1	1	2	2	3	3	4	4	5	5	6	7	7	8	8	9	9	10	10	11	11	12	12	13
14	1	1	2	2	3	4	4	5	5	6	6	7	8	8	9	9	10	11	11	12	12	13	13	14
15	1	1	2	3	3	4	4	5	6	6	7	8	8	9	9	10	11	11	12	13	13	14	14	15
16	1	1	2	3	3	4	5	5	6	7	7	8	9	9	10	11	11	12	13	13	14	15	15	16
17	1	1	2	3	4	4	5	6	6	7	8	9	9	10	11	11	12	13	13	14	15	16	16	17
18	1	2	2	3	4	5	5	6	7	8	8	9	10	11	11	12	13	14	14	15	16	17	17	18
19	1	2	2	3	4	5	6	6	7	8	9	10	10	11	12	13	13	14	15	16	17	17	18	19
20	1	2	3	3	4	5	6	7	8	8	9	10	11	12	13	13	14	15	16	17	18	18	19	20
21	1	2	3	4	4	5	6	7	8	9	10	11	11	12	13	14	15	16	17	18	18	19	20	21
22	1	2	3	4	5	6	6	7	8	9	10	11	12	13	14	15	16	17	17	18	19	20	21	22
23	1	2	3	4	5	6	7	8	9	10	11	12	12	13	14	15	16	17	18	19	20	21	22	23

c. Hours and Tens of Minutes of GMT

h	00m		10m		20m		30m		40m		50m	
	°	′	°	′	°	′	°	′	°	′	°	′
00	175	00	177	30	180	00	182	30	185	00	187	30
01	190	00	192	30	195	00	197	30	200	00	202	30
02	205	00	207	30	210	00	212	30	215	00	217	30
03	220	00	222	30	225	00	227	30	230	00	232	30
04	235	00	237	30	240	00	242	30	245	00	247	30
05	250	00	252	30	255	00	257	30	260	00	262	30
06	265	00	267	30	270	00	272	30	275	00	277	30
07	280	00	282	30	285	00	287	30	290	00	292	30
08	295	00	297	30	300	00	302	30	305	00	307	30
09	310	00	312	30	315	00	317	30	320	00	322	30
10	325	00	327	30	330	00	332	30	335	00	337	30
11	340	00	342	30	345	00	347	30	350	00	352	30
12	355	00	357	30	0	00	2	30	5	00	7	30
13	10	00	12	30	15	00	17	30	20	00	22	30
14	25	00	27	30	30	00	32	30	35	00	37	30
15	40	00	42	30	45	00	47	30	50	00	52	30
16	55	00	57	30	60	00	62	30	65	00	67	30
17	70	00	72	30	75	00	77	30	80	00	82	30
18	85	00	87	30	90	00	92	30	95	00	97	30
19	100	00	102	30	105	00	107	30	110	00	112	30
20	115	00	117	30	120	00	122	30	125	00	127	30
21	130	00	132	30	135	00	137	30	140	00	142	30
22	145	00	147	30	150	00	152	30	155	00	157	30
23	160	00	162	30	165	00	167	30	170	00	172	30

d. Minutes and Seconds of GMT (in critical cases ascend)

m	s	°	′
00	00		
	01	0	00
	05	0	01
	09	0	02
	13	0	03
	17	0	04
	21	0	05
	25	0	06
	29	0	07
	33	0	08
	37	0	09
	41	0	10
	45	0	11
	49	0	12
	53	0	13
00	57	0	14
01	01	0	15
	05	0	16
	09	0	17
	13	0	18
	17	0	19
	21	0	20
	25	0	21
	29	0	22
	33	0	23
	37	0	24
01	41	0	25

m	s	°	′
01	37	0	25
	41	0	26
	45	0	27
	49	0	28
	53	0	29
01	57	0	30
02	01	0	31
	05	0	32
	09	0	33
	13	0	34
	17	0	35
	21	0	36
	25	0	37
	29	0	38
	33	0	39
	37	0	40
	41	0	41
	45	0	42
	49	0	43
	53	0	44
02	57	0	45
03	01	0	46
	05	0	47
	09	0	48
	13	0	49
	17	0	50
03	21		

m	s	°	′
03	17		
	21	0	50
	25	0	51
	29	0	52
	33	0	53
	37	0	54
	41	0	55
	45	0	56
	49	0	57
	53	0	58
	57	0	59
03	57	1	00
04	01	1	01
	05	1	02
	09	1	03
	13	1	04
	17	1	05
	21	1	06
	25	1	07
	29	1	08
	33	1	09
	37	1	10
	41	1	11
	45	1	12
	49	1	13
	53	1	14
04	57	1	15
05	01		

m	s	°	′
04	57		
05	01	1	15
	05	1	16
	09	1	17
	13	1	18
	17	1	19
	21	1	20
	25	1	21
	29	1	22
	33	1	23
	37	1	24
	41	1	25
	45	1	26
	49	1	27
	53	1	28
05	57	1	29
06	01	1	30
	05	1	31
	09	1	32
	13	1	33
	17	1	34
	21	1	35
	25	1	36
	29	1	37
	33	1	38
	37	1	39
	41	1	40
06	41		

m	s	°	′
06	37		
	41	1	40
	45	1	41
	49	1	42
	53	1	43
	57	1	44
06	57	1	45
07	01	1	46
	05	1	47
	09	1	48
	13	1	49
	17	1	50
	21	1	51
	25	1	52
	29	1	53
	33	1	54
	37	1	55
	41	1	56
	45	1	57
	49	1	58
	53	1	59
07	57	2	00
08	01	2	01
	05	2	02
	09	2	03
	13	2	04
	17	2	05
08	21		

m	s	°	′
08	17		
	21	2	05
	25	2	06
	29	2	07
	33	2	08
	37	2	09
	41	2	10
	45	2	11
	49	2	12
	53	2	13
08	57	2	14
09	01	2	15
	05	2	16
	09	2	17
	13	2	18
	17	2	19
	21	2	20
	25	2	21
	29	2	22
	33	2	23
	37	2	24
	41	2	25
	45	2	26
	49	2	27
	53	2	28
09	57	2	29
10	00	2	30