

EASTERN STANDARD TIME* OF SUNRISE AND SUNSET FOR THE YEAR 1940—RABAU.

(Lat. 4° 12' S. Long. 152° 11' E.).

1. These times are for the upper limb of the sun and may be taken as correct to within one minute for Rabaul.

2. Subtract four minutes per degree of longitude for any place east of Rabaul. Add four minutes per degree of longitude for any place west of Rabaul. (Accuracy still being approximately within one minute of time.)

3. An additional correction must be made for latitude, for which the following table may be used:—

					For Every Degree of Latitude—	
					South of Rabaul.	North of Rabaul.
					minutes	minutes
January	..	..	..	..	Subtract 1.5	Add 1.5
February	..	..	..	..	Subtract 0.9	Add 0.9
March	..	..	..	..	Subtract 0.1	Add 0.1
April	..	..	..	..	Add 0.7	Subtract 0.7
May	..	..	..	..	Add 1.4	Subtract 1.4
June	..	..	..	..	Add 1.7	Subtract 1.7
July	..	..	..	..	Add 1.6	Subtract 1.6
August	..	..	..	..	Add 1.0	Subtract 1.0
September	..	..	..	..	Add 0.2	Subtract 0.2
October	..	..	..	..	Subtract 0.6	Add 0.6
November	..	..	..	..	Subtract 1.3	Add 1.3
December	..	..	..	..	Subtract 1.7	Add 1.7

After this correction time should be correct to within approximately 2 minutes.

—	Rise.	Set.	—	Rise.	Set.	—	Rise.	Set.
	h. m.	h. m.		h. m.	h. m.		h. m.	h. m.
January—			February—			March—		
1 ..	5 44	6 05	8 ..	5 58	6 12	7 ..	..	6 07
2 ..	..	6 06	10 ..	..	6 13	8 ..	..	6 06
3 ..	5 44	..	13 ..	..	6 12	9 ..	..	6 05
4 ..	5 46	6 06	15 ..	..	6 13	10 ..	..	6 04
5 ..	..	6 07	17 ..	..	6 12	12 ..	5 56	..
9 ..	5 48	6 08	19 ..	..	6 11	15 ..	5 57	..
12 ..	5 50	6 09	20 ..	5 59	6 12	16 ..	5 56	..
16 ..	5 51	6 11	21 ..	..	6 11	17 ..	..	6 03
18 ..	5 52	..	22 ..	5 58	..	19 ..	..	6 02
20 ..	5 53	6 12	24 ..	..	6 10	21 ..	5 55	..
24 ..	5 54	6 13	26 ..	5 59	..	22 ..	..	6 01
28 ..	5 55	..	29 ..	5 58	6 9	23 ..	5 54	..
30 ..	..	6 12				25 ..	..	6 00
31 ..	5 56	..	March—			26 ..	..	5 59
February—			1 ..	5 58	6 08	27 ..	..	5 58
1 ..	5 56	6 13	3 ..	5 57	..	28 ..	5 53	..
5 ..	5 57	6 14	4 ..	5 58	..	30 ..	5 54	..
6 ..	..	6 13	6 ..	5 57	..	31 ..	5 54	5 58

* Data supplied by G. L. Anthony, Survey Office, Rabaul.

—	Rise.	Set.	—	Rise.	Set.	—	Rise.	Set.
	h. m.	h. m.		h. m.	h. m.		h. m.	h. m.
April—			July—			October—		
1 ..	5 53	5 57	4 ..	..	5 52	1 ..	5 37	5 45
3 ..	5 52	5 55	5 ..	5 59	..	2 ..	5 37	5 45
6 ..	..	5 54	6 ..	5 59	..	3 ..	5 35	5 44
8 ..	5 51	..	7 ..	5 59	5 53	6 ..	5 34	..
11 ..	..	5 53	9 ..	6 00	5 54	7 ..	5 35	5 45
14 ..	..	5 52	10 ..	5 59	5 52	8 ..	..	5 44
16 ..	..	5 51	11 ..	..	5 54	9 ..	5 34	..
18 ..	5 50	..	12 ..	6 00	..	11 ..	5 33	..
21 ..	5 49	5 49	13 ..	5 58	..	12 ..	5 32	5 43
23 ..	..	5 48	14 ..	6 00	..	15 ..	5 31	..
24 ..	5 50	..	16 ..	..	5 55	17 ..	5 30	..
26 ..	5 49	..	17 ..	5 59	5 54	18 ..	..	5 42
30 ..	5 49	5 48	19 ..	6 00	5 55	19 ..	5 29	..
			21 ..	..	5 56	24 ..	..	5 43
May—			22 ..	5 59	5 54	27 ..	5 28	..
1 ..	5 48	5 47	23 ..	6 00	..	28 ..	..	5 42
4 ..	5 49	..	24 ..	..	5 55	30 ..	5 27	..
5 ..	..	5 46	25 ..	..	5 56	31 ..	5 27	5 42
7 ..	5 50	..	26 ..	5 59	..			
8 ..	5 49	5 45	27 ..	6 00	..			
9 ..	..	5 46	30 ..	5 59	..			
13 ..	5 50	..	31 ..	5 59	5 56			
14 ..	5 49	5 45				November—		
17 ..	5 50	..	August—			1 ..	5 27	5 42
20 ..	5 49	..	1 ..	6 00	5 56	2 ..	5 27	5 42
21 ..	5 50	..	3 ..	5 58	5 55	3 ..	5 28	5 44
24 ..	..	5 46	7 ..	..	5 56	4 ..	5 27	5 43
25 ..	..	5 45	8 ..	5 57	5 55	7 ..	5 26	..
27 ..	..	5 46	10 ..	5 58	5 56	10 ..	5 27	5 44
28 ..	5 51	..	12 ..	5 57	..	16 ..	5 28	5 45
30 ..	..	5 45	13 ..	5 56	5 55	17 ..	..	5 46
31 ..	5 51	5 46	18 ..	5 55	..	19 ..	5 27	..
			22 ..	5 54	..	21 ..	5 28	5 47
June—			24 ..	5 53	5 54	24 ..	..	5 48
1 ..	5 52	5 46	25 ..	5 52	5 53	26 ..	5 29	5 49
6 ..	5 53	..	30 ..	5 51	5 52	28 ..	..	5 50
7 ..	..	5 47	31 ..	5 51	5 52	29 ..	5 30	..
8 ..	5 53	5 46				30 ..	5 30	5 50
9 ..	..	5 47						
10 ..	5 54	..	September—					
11 ..	..	5 48	1 ..	5 51	5 52			
12 ..	..	5 47	2 ..	5 50	5 52	December—		
14 ..	5 55	5 48	4 ..	5 49	..	1 ..	5 31	5 51
16 ..	5 54	..	6 ..	5 48	5 51	2 ..	5 31	5 51
17 ..	5 55	5 49	7 ..	5 47	..	5 ..	5 32	5 53
18 ..	..	5 48	9 ..	5 46	..	9 ..	5 33	5 54
19 ..	..	5 49	10 ..	..	5 50	10 ..	..	5 55
21 ..	5 56	..	12 ..	5 45	..	11 ..	5 34	..
23 ..	..	5 50	14 ..	..	5 49	13 ..	5 35	..
24 ..	5 57	..	15 ..	5 44	..	14 ..	..	5 57
25 ..	5 56	..	17 ..	5 43	5 48	16 ..	5 36	..
27 ..	..	5 51	18 ..	5 42	..	17 ..	5 37	5 58
28 ..	..	5 50	19 ..	5 41	..	19 ..	..	5 59
29 ..	..	5 51	21 ..	..	5 47	20 ..	5 38	..
30 ..	5 58	5 51	22 ..	5 40	..	21 ..	5 39	6 00
			24 ..	..	5 46	23 ..	..	6 01
July—			25 ..	5 39	5 47	25 ..	5 41	6 02
1 ..	5 58	5 51	27 ..	..	5 46	28 ..	5 42	6 04
2 ..	5 59	..	29 ..	5 38	..	30 ..	5 43	..
3 ..	5 58	5 50	30 ..	5 37	..	31 ..	5 43	6 04