

Taqwim Standar Indonesia



KALENDER 2016

Disusun oleh:

Mutoha Arkanuddin - LP2IF Rukyatul Hilal Indonesia (RHI)



**DIREKTORAT URUSAN AGAMA ISLAM DAN PEMBINAAN SYARIAH
DIREKTORAT JENDERAL BIMBINGAN MASYARAKAT ISLAM
KEMENTERIAN AGAMA RI**

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DATA HILAL SAAT MATAHARI TERBENAM
UNTUK KOTA-KOTA DI INDONESIA
10 JANUARI 2016

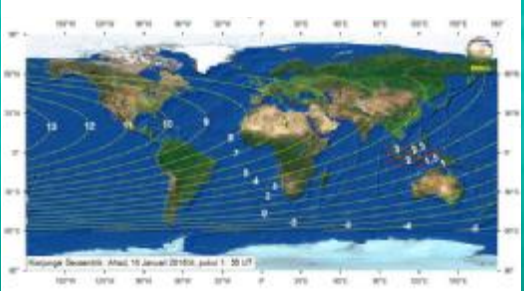
Gedung Kementerian Agama Republik Indonesia
Jl. MH. Thamrin No. 6 - Jakarta Pusat

JANUARI 2016

20 Rabi'ul Awal 1437 H H
21 Rabi'ul Akhir 1437 H H
20 Mulud 1949 (Jimawal)
20 Bakdomulud 1949 (Jimawal)

NO	KOTA	TERBENAM MATAHARI	TERBENAM BULAN	AZIMUT MATAHARI	AZIMUT BULAN	TINGGI HILAL	LAMA HILAL
1	AMBON	18:41:14	18:50:57	247° 52' 24"	253° 06' 20"	01° 57' 58"	00:09:42
2	JAYAPURA	17:43:55	17:53:41	248° 00' 14"	252° 48' 35"	01° 56' 10"	00:09:46
3	MANOKWARI	18:16:19	18:26:13	247° 58' 11"	252° 59' 08"	02° 02' 37"	00:09:54
4	MERAUKE	18:03:55	18:10:22	247° 37' 59"	253° 00' 25"	01° 16' 43"	00:06:27
5	TERNATE	18:39:30	18:51:38	248° 00' 23"	252° 50' 41"	02° 29' 26"	00:12:08
6	BANJARMASIN	18:35:35	18:47:46	247° 55' 11"	253° 10' 09"	02° 30' 33"	00:12:10
7	DENPASAR	18:45:32	18:55:30	247° 34' 10"	253° 14' 00"	01° 59' 26"	00:09:58
8	GORONTALO	17:57:22	18:09:27	248° 00' 16"	252° 55' 41"	02° 29' 34"	00:12:04
9	KENDARI	18:05:20	18:15:44	247° 52' 28"	253° 08' 44"	02° 08' 26"	00:10:24
10	KUPANG	18:11:10	18:19:17	247° 28' 57"	253° 07' 04"	01° 37' 46"	00:08:06
11	MANADO	17:47:54	18:00:01	248° 00' 37"	252° 51' 21"	02° 28' 11"	00:12:07
12	MATARAM	18:41:30	18:51:19	247° 34' 13"	253° 13' 28"	01° 57' 59"	00:09:49
13	PALANGKARAYA	18:37:58	18:50:40	247° 57' 08"	253° 08' 00"	02° 37' 08"	00:12:42
14	PALU	18:12:22	18:24:21	247° 58' 31"	253° 03' 14"	02° 29' 43"	00:11:59
15	PONTIANAK	18:54:54	19:09:06	247° 59' 53"	253° 02' 48"	02° 54' 24"	00:14:12
16	SAMARINDA	18:22:41	18:35:34	247° 59' 42"	253° 00' 42"	02° 41' 04"	00:12:52
17	UJ PANDANG	18:22:49	18:33:36	247° 49' 56"	253° 11' 48"	02° 13' 20"	00:10:47
18	BANDA ACEH	18:41:04	18:59:33	247° 57' 58"	252° 30' 21"	03° 51' 00"	00:18:29
19	BD LAMPUNG	18:18:50	18:31:42	247° 50' 15"	253° 18' 05"	02° 40' 30"	00:12:51
20	BANDUNG	18:10:12	18:21:47	247° 43' 07"	253° 18' 32"	02° 35' 14"	00:11:35
21	BENGKULU	18:29:12	18:42:57	247° 53' 09"	253° 17' 29"	02° 51' 37"	00:13:45
22	JAKARTA	18:12:31	18:24:39	247° 46' 53"	253° 18' 23"	02° 30' 53"	00:12:08
23	JAMBI	18:17:57	18:32:03	247° 57' 24"	253° 11' 21"	02° 57' 19"	00:14:05
24	MEDAN	18:28:14	18:45:20	248° 00' 16"	252° 43' 51"	03° 35' 14"	00:17:05
25	PADANG	18:32:20	18:47:30	247° 59' 01"	253° 09' 07"	03° 10' 14"	00:15:10
26	PALEMBANG	18:15:36	18:29:09	247° 55' 25"	253° 13' 52"	02° 50' 15"	00:13:33
27	PKL PINANG	18:10:01	18:23:44	247° 57' 19"	253° 10' 40"	02° 52' 25"	00:13:42
28	PEKANBARU	18:26:42	18:42:03	248° 00' 05"	253° 04' 47"	03° 13' 09"	00:15:20
29	SEMARANG	18:02:19	18:13:32	247° 42' 50"	253° 17' 18"	02° 17' 59"	00:11:12
30	SERANG	18:16:29	18:28:48	247° 46' 58"	253° 18' 55"	02° 33' 15"	00:12:19
31	SURABAYA	17:50:32	18:01:15	247° 42' 21"	253° 15' 23"	02° 09' 26"	00:10:43
32	TJ PINANG	18:13:08	18:28:16	248° 00' 41"	252° 59' 38"	03° 11' 01"	00:15:07
33	YOGYAKARTA	18:03:57	18:14:48	247° 38' 43"	253° 17' 23"	02° 13' 11"	00:10:51
34	PLB RATU	18:18:08	18:30:05	247° 43' 18"	253° 19' 41"	02° 28' 12"	00:11:57
35	MADINAH	17:50:11	18:23:34	246° 14' 36"	248° 14' 09"	06° 29' 58"	00:33:23
36	MAKKAH	17:55:45	18:27:59	246° 43' 41"	249° 09' 28"	06° 26' 14"	00:32:13

DATA HILAL DAN MATAHARI PADA SAAT MATAHARI TERBENAM
PENENTU AWAL BULAN RABI'UL AKHIR 1437 H
AHAD, 10 JANUARI 2016 M



1 Januari 2016 : Tahun Baru 2016 Masehi



DIREKTORAT URUSAN AGAMA ISLAM DAN PEMBINAAN SYARIAH
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Pelaksanaan Sidang Itsbat Awal Ramadan 1436 H

DATA HILAL SAAT MATAHARI TERBENAM
UNTUK KOTA-KOTA DI INDONESIA
8 FEBRUARI 2016

NO	KOTA	TERBENAM MATAHARI	TERBENAM BULAN	AZIMUT MATAHARI	AZIMUT BULAN	TINGGI HILAL	LAMA HILAL
1	AMBON	18:45:50	18:25:47	254° 47' 46"	256° 34' 28"	-04° 29' 16"	00:-20:02
2	JAYAPURA	17:51:38	17:30:36	254° 54' 11"	256° 58' 07"	-04° 50' 12"	00:-21:01
3	MANOKWARI	18:22:28	18:02:19	254° 52' 16"	256° 47' 33"	-04° 34' 07"	00:-20:08
4	MERAUKE	18:06:16	17:44:30	254° 36' 46"	255° 58' 59"	-04° 57' 14"	00:-21:45
5	TERNATE	18:47:21	18:28:18	254° 54' 47"	257° 04' 57"	-04° 15' 47"	00:-19:02
6	BANJARMASIN	18:40:42	18:22:57	254° 50' 25"	256° 49' 51"	-03° 57' 33"	00:-17:44
7	DENPASAR	18:47:21	18:28:44	254° 34' 47"	256° 14' 23"	-04° 06' 52"	00:-18:36
8	GORONTALO	18:04:29	17:46:19	254° 54' 34"	257° 03' 01"	-04° 09' 33"	00:-18:09
9	KENDARI	18:09:49	17:51:05	254° 48' 07"	256° 38' 52"	-04° 16' 23"	00:-18:43
10	KUPANG	18:12:25	17:52:45	254° 30' 49"	255° 58' 56"	-04° 25' 28"	00:-19:39
11	MANADO	17:55:35	17:37:06	254° 55' 00"	257° 06' 02"	-04° 14' 37"	00:-18:28
12	MATARAM	18:43:19	18:24:35	254° 34' 50"	256° 13' 33"	-04° 08' 23"	00:-18:43
13	PALANGKARAYA	18:43:38	18:26:09	254° 52' 01"	256° 55' 18"	-03° 54' 08"	00:-17:29
14	PALU	18:18:29	18:00:30	254° 53' 00"	256° 56' 08"	-04° 04' 19"	00:-17:59
15	PONTIANAK	19:01:40	18:45:06	254° 54' 33"	257° 06' 49"	-03° 42' 38"	00:-16:34
16	SAMARINDA	18:29:24	18:11:50	254° 54' 09"	257° 02' 14"	-03° 56' 00"	00:-17:33
17	UJ PANDANG	18:26:49	18:08:22	254° 46' 18"	256° 36' 20"	-04° 08' 07"	00:-18:26
18	BANDA ACEH	18:51:05	18:37:31	254° 55' 28"	257° 29' 05"	-02° 58' 24"	00:-13:33
19	BD LAMPUNG	18:22:49	18:06:30	254° 47' 02"	256° 47' 05"	-03° 38' 46"	00:-16:19
20	BANDUNG	18:13:04	17:56:09	254° 41' 40"	256° 33' 28"	-03° 48' 51"	00:-16:54
21	BENGKULU	18:33:44	18:17:53	254° 49' 18"	256° 54' 16"	-03° 31' 02"	00:-15:51
22	JAKARTA	18:15:56	17:59:17	254° 44' 28"	256° 40' 05"	-03° 44' 56"	00:-16:39
23	JAMBI	18:23:33	18:07:47	254° 52' 35"	257° 01' 53"	-03° 31' 34"	00:-15:46
24	MEDAN	18:37:07	18:22:45	254° 56' 13"	257° 23' 48"	-03° 09' 43"	00:-14:21
25	PADANG	18:38:31	18:23:20	254° 54' 03"	257° 08' 23"	-03° 21' 51"	00:-15:11
26	PALEMBANG	18:20:38	18:04:37	254° 50' 59"	256° 56' 49"	-03° 35' 31"	00:-16:01
27	PKL PINANG	18:15:35	17:59:37	254° 52' 28"	257° 00' 33"	-03° 36' 18"	00:-15:58
28	PEKANBARU	18:33:24	18:18:15	254° 54' 59"	257° 11' 26"	-03° 21' 43"	00:-15:09
29	SEMARANG	18:05:10	17:47:57	254° 41' 22"	256° 31' 35"	-03° 54' 25"	00:-17:12
30	SERANG	18:19:55	18:03:21	254° 44' 34"	256° 40' 56"	-03° 42' 33"	00:-16:34
31	SURABAYA	17:53:24	17:35:34	254° 40' 47"	256° 28' 38"	-04° 03' 47"	00:-17:49
32	TJ PINANG	18:20:19	18:04:58	254° 55' 31"	257° 13' 10"	-03° 26' 10"	00:-15:20
33	YOGYAKARTA	18:06:15	17:48:55	254° 38' 21"	256° 25' 26"	-03° 55' 35"	00:-17:20
34	PLB RATU	18:21:01	18:04:18	254° 41' 52"	256° 35' 15"	-03° 44' 00"	00:-16:43
35	MADINAH	18:10:21	18:08:31	253° 52' 33"	256° 37' 47"	00° -12' 55"	00:-01:50
36	MAKKAH	18:14:02	18:11:42	254° 11' 06"	256° 57' 43"	00° -19' 22"	00:-02:19



22 Rabi'ul Akhir 1437 H H

20 Jumadal Ula 1437 H H

21 Bakdomulud 1949 (Jimawal)

20 Jumadilawal 1949 (Jimawal)

AHAD

الاحد

SENIN

الاثنين

SELASA

الثلاثاء

RABU

الاربعاء

KAMIS

الخميس

JUMAT

الجمعة

SABTU

السبت

31^{٢١}

20 Kliwon

1^{٢٢}

21 Legi

2^{٢٣}

22 Pahing

3^{٢٤}

23 Pon

4^{٢٥}

24 Wage

5^{٢٦}

25 Kliwon

6^{٢٧}

26 Legi

7^{٢٨}

27 Pahing

8^{٢٩}

28 Pon

9^{٣٠}

29 Wage

10^١

1 Kliwon

11^٢

2 Legi

12^٣

3 Pahing

13^٤

4 Pon

14^٥

5 Wage

15^٦

6 Kliwon

16^٧

7 Legi

17^٨

8 Pahing

18^٩

9 Pon

19^{١٠}

10 Wage

20^{١١}

11 Kliwon

21^{١٢}

12 Legi

22^{١٣}

13 Pahing

23^{١٤}

14 Pon

24^{١٥}

15 Wage

25^{١٦}

16 Kliwon

26^{١٧}

17 Legi

27^{١٨}

18 Pahing

28^{١٩}

19 Pon

29^{٢٠}

20 Wage

1^{٢١}

21 Kliwon

2^{٢٢}

22 Legi

3^{٢٣}

23 Pahing

4^{٢٤}

24 Pon

5^{٢٥}

25 Wage

6^{٢٦}

26 Kliwon

7^{٢٧}

27 Legi

8^{٢٨}

28 Pahing

9^{٢٩}

29 Pon

10^١

30 Wage

11^٢

1 Kliwon

12^٣

2 Legi

8 Februari 2016 : Tahun Baru Imlek 2567 Kongzili





Gerhana Matahari Total

MARET

2016

21 Jumadal Ula 1437 H
22 Jumadal Akhirah 1437 H

21 Jumadilawal 1949 (Jimawal)
21 Jumadilakhir 1949 (Jimawal)

AHAD **الاحد** SENIN **الاثنين** SELASA **الثلاثاء** RABU **الاربعاء** KAMIS **الخميس** JUMAT **الجمعة** SABTU **السبت**

28 ^{١٩} 19 Pon	29 ^{٢٠} 20 Wage	1 ^{٢١} 21 Kliwon	2 ^{٢٢} 22 Legi	3 ^{٢٣} 23 Pahing	4 ^{٢٤} 24 Pon	5 ^{٢٥} 25 Wage
6 ^{٢٦} 26 Kliwon	7 ^{٢٧} 27 Legi	8 ^{٢٨} 28 Pahing	9 ^{٢٩} 29 Pon	10 ^١ 30 Wage	11 ^٢ 1 Kliwon	12 ^٣ 2 Legi
13 ^٤ 3 Pahing	14 ^٥ 4 Pon	15 ^٦ 5 Wage	16 ^٧ 6 Kliwon	17 ^٨ 7 Legi	18 ^٩ 8 Pahing	19 ^{١٠} 9 Pon
20 ^{١١} 10 Wage	21 ^{١٢} 11 Kliwon	22 ^{١٣} 12 Legi	23 ^{١٤} 13 Pahing	24 ^{١٥} 14 Pon	25 ^{١٦} 15 Wage	26 ^{١٧} 16 Kliwon
27 ^{١٨} 17 Legi	28 ^{١٩} 18 Pahing	29 ^{٢٠} 19 Pon	30 ^{٢١} 20 Wage	31 ^{٢٢} 21 Kliwon	1 ^{٢٣} 22 Legi	2 ^{٢٤} 23 Pahing
3 ^{٢٥} 24 Pon	4 ^{٢٦} 25 Wage	5 ^{٢٧} 26 Kliwon	6 ^{٢٨} 27 Legi	7 ^{٢٩} 28 Pahing	8 ^{٣٠} 29 Pon	9 ^١ 1 Wage

9 Maret 2016 : Hari Raya Nyepi Tahun Baru Saka 1938
25 Maret 2016 : Wafat Isa Al-Masih



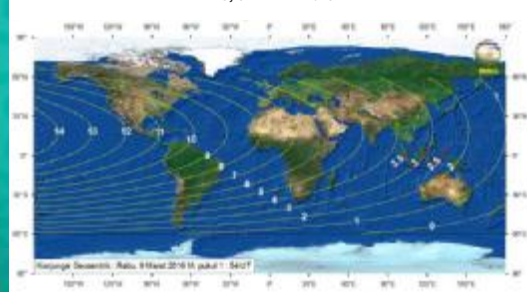
9 Maret 2016
Awal Gerhana = 06:19 WIB
Puncak Gerhana = 07:21 WIB
Akhir Gerhana = 08:31 WIB

DATA HILAL SAAT MATAHARI TERBENAM
UNTUK KOTA-KOTA DI INDONESIA

9 MARET 2016

NO	KOTA	TERBENAM MATAHARI	TERBENAM BULAN	AZIMUT MATAHARI	AZIMUT BULAN	TINGGI HILAL	LAMA HILAL
1	AMBON	18:38:49	18:51:53	265° 40' 53"	267° 33' 52"	02° 45' 48"	00:13:03
2	JAYAPURA	17:49:26	18:00:56	265° 45' 45"	267° 04' 49"	02° 23' 48"	00:11:30
3	MANOKWARI	18:17:54	18:30:24	265° 43' 39"	267° 19' 46"	02° 40' 30"	00:12:29
4	MERAUKE	17:56:21	18:07:00	265° 34' 20"	267° 33' 24"	02° 12' 29"	00:10:38
5	TERNATE	18:45:05	18:59:08	265° 46' 29"	267° 14' 14"	02° 58' 28"	00:14:02
6	BANJARMASIN	18:34:29	18:49:47	265° 42' 56"	267° 43' 03"	03° 17' 15"	00:15:17
7	DENPASAR	18:36:20	18:50:51	265° 35' 05"	268° 04' 01"	03° 04' 26"	00:14:31
8	GORONTALO	18:01:30	18:15:44	265° 46' 04"	267° 21' 03"	03° 03' 58"	00:14:13
9	KENDARI	18:02:58	18:16:39	265° 41' 08"	267° 39' 18"	02° 56' 13"	00:13:40
10	KUPANG	18:00:52	18:13:38	265° 32' 21"	267° 56' 16"	02° 41' 23"	00:12:45
11	MANADO	17:53:22	18:07:19	265° 46' 46"	267° 15' 50"	02° 58' 52"	00:13:57
12	MATARAM	18:32:19	18:46:40	265° 35' 04"	268° 02' 57"	03° 02' 42"	00:14:21
13	PALANGKARAYA	18:38:12	18:53:48	265° 44' 00"	267° 39' 59"	03° 20' 53"	00:15:35
14	PALU	18:13:55	18:28:32	265° 44' 33"	267° 31' 05"	03° 09' 48"	00:14:36
15	PONTIANAK	18:57:48	19:14:25	265° 46' 08"	267° 35' 42"	03° 32' 26"	00:16:37
16	SAMARINDA	18:25:34	18:40:52	265° 45' 37"	267° 29' 28"	03° 18' 31"	00:15:18
17	UJ PANDANG	18:19:05	18:33:25	265° 40' 24"	267° 46' 40"	03° 05' 11"	00:14:19
18	BANDA ACEH	18:51:58	19:11:36	265° 50' 50"	267° 15' 08"	04° 13' 02"	00:19:38
19	BD LAMPUNG	18:15:05	18:31:29	265° 41' 18"	268° 00' 09"	03° 33' 57"	00:16:23
20	BANDUNG	18:03:51	18:19:23	265° 38' 13"	268° 04' 33"	03° 21' 15"	00:15:32
21	BENGKULU	18:26:45	18:43:51	265° 42' 43"	267° 58' 54"	03° 42' 57"	00:17:06
22	JAKARTA	18:07:29	18:23:21	265° 39' 46"	268° 01' 58"	03° 26' 24"	00:15:52
23	JAMBI	18:18:10	18:35:10	265° 44' 40"	267° 48' 29"	03° 42' 33"	00:16:59
24	MEDAN	18:36:25	18:55:07	265° 49' 28"	267° 33' 22"	04° 03' 21"	00:18:42
25	PADANG	18:33:52	18:51:44	265° 45' 52"	267° 47' 18"	03° 53' 01"	00:17:51
26	PALEMBANG	18:14:30	18:31:09	265° 43' 34"	267° 51' 55"	03° 38' 06"	00:16:39
27	PKL PINANG	18:10:14	18:26:50	265° 44' 30"	267° 46' 46"	03° 37' 20"	00:16:35
28	PEKANBARU	18:29:34	18:47:23	265° 46' 40"	267° 41' 49"	03° 52' 56"	00:17:49
29	SEMARANG	17:56:00	18:11:09	265° 37' 48"	268° 02' 14"	03° 14' 58"	00:15:08
30	SERANG	18:11:26	18:27:30	265° 39' 55"	268° 03' 02"	03° 29' 10"	00:16:04
31	SURABAYA	17:44:10	17:58:54	265° 37' 20"	267° 58' 53"	03° 06' 47"	00:14:44
32	TJ PINANG	18:17:17	18:34:40	265° 47' 15"	267° 34' 51"	03° 47' 53"	00:17:22
33	YOGYAKARTA	17:56:19	18:11:19	265° 36' 18"	268° 05' 40"	03° 12' 44"	00:15:00
34	PLB RATU	18:11:44	18:27:40	265° 38' 34"	268° 06' 49"	03° 26' 55"	00:15:56
35	MADINAH	18:26:25	18:58:11	265° 47' 56"	265° 09' 09"	06° 26' 54"	00:31:46
36	MAKKAH	18:27:21	18:58:34	265° 50' 54"	265° 36' 56"	06° 28' 52"	00:31:12

DATA HILAL DAN MATAHARI PADA SAAT MATAHARI TERBENAM
PENENTU AWAL BULAN JUMADAL AKHIRAH 1437 H
RABU, 9 MARET 2016 M



DIREKTORAT URUSAN AGAMA ISLAM DAN PEMBINAAN SYARIAH
DIREKTORAT JENDERAL BIMBINGAN MASYARAKAT ISLAM
KEMENTERIAN AGAMA RI
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SILATURAHIM DAN MUZAKARAH PENYATUAN KALENDER HIJRIYAH MENTERI AGAMA RI DAN PP MUHAMMADIYAH

Yogyakarta,
12 Rajab 1437 H / 1 Mei 2016 M



Muzakarah Penyatuan Kalender Hijriyah di Indonesia
Kementerian Agama dengan PP Muhamadiyah

DATA HILAL SAAT MATAHARI TERBENAM UNTUK KOTA-KOTA DI INDONESIA 7 APRIL 2016

NO	KOTA	TERBENAM MATAHARI	TERBENAM BULAN	AZIMUT MATAHARI	AZIMUT BULAN	TINGGI HILAL	LAMA HILAL
1	AMBON	18:27:13	18:23:04	277° 01' 19"	274° 30' 07"	00° -50' 11"	00:04:08
2	JAYAPURA	17:42:42	17:35:38	277° 05' 04"	274° 28' 04"	-01° 39' 06"	00:07:03
3	MANOKWARI	18:08:48	18:03:28	277° 02' 31"	274° 28' 15"	-01° 10' 07"	00:05:20
4	MERAUKE	17:41:45	17:36:34	276° 59' 23"	274° 16' 44"	-01° 11' 28"	00:05:10
5	TERNATE	18:38:14	18:33:24	277° 05' 42"	274° 37' 24"	-01° 00' 28"	00:04:50
6	BANJARMASIN	18:23:42	18:21:34	277° 02' 35"	274° 43' 08"	00° -21' 19"	00:02:07
7	DENPASAR	18:20:43	18:19:29	277° 02' 15"	274° 45' 29"	00° -08' 29"	00:01:14
8	GORONTALO	17:54:04	17:50:04	277° 05' 00"	274° 39' 09"	00° -53' 43"	00:03:59
9	KENDARI	17:51:37	17:48:24	277° 01' 17"	274° 35' 22"	00° -42' 47"	00:03:12
10	KUPANG	17:44:43	17:42:15	277° 00' 51"	274° 34' 56"	00° -32' 09"	00:02:27
11	MANADO	17:46:39	17:42:09	277° 06' 03"	274° 39' 06"	-01° 01' 56"	00:04:29
12	MATARAM	18:16:45	18:15:21	277° 02' 08"	274° 44' 19"	00° -10' 53"	00:01:23
13	PALANGKARAYA	18:28:11	18:26:04	277° 03' 09"	274° 44' 10"	00° -21' 16"	00:02:07
14	PALU	18:04:51	18:01:41	277° 03' 23"	274° 39' 36"	00° -39' 21"	00:03:10
15	PONTIANAK	18:49:19	18:47:39	277° 04' 52"	274° 48' 49"	00° -16' 17"	00:01:40
16	SAMARINDA	18:17:12	18:14:19	277° 04' 22"	274° 42' 37"	00° -32' 45"	00:02:53
17	UJ PANDANG	18:06:51	18:04:25	277° 01' 32"	274° 39' 16"	00° -27' 41"	00:02:25
18	BANDA ACEH	18:48:19	18:48:03	277° 13' 20"	275° 01' 26"	00° -07' 09"	00:00:16
19	BD LAMPUNG	18:02:54	18:02:35	277° 02' 20"	274° 52' 44"	00° -08' 24"	00:00:18
20	BANDUNG	17:50:08	17:49:37	277° 01' 31"	274° 50' 41"	00° -03' 38"	00:00:30
21	BENGKULU	18:15:13	18:15:14	277° 02' 59"	274° 55' 10"	00° -02' 52"	00:00:00
22	JAKARTA	17:54:34	17:54:04	277° 01' 47"	274° 51' 09"	00° -02' 35"	00:00:29
23	JAMBI	18:08:17	18:07:43	277° 03' 43"	274° 52' 38"	00° 00' -23"	00:00:34
24	MEDAN	18:31:11	18:30:33	277° 09' 53"	274° 57' 35"	00° -09' 53"	00:00:37
25	PADANG	18:24:40	18:24:35	277° 04' 40"	274° 55' 49"	00° -03' 36"	00:00:04
26	PALEMBANG	18:03:52	18:03:17	277° 03' 04"	274° 51' 56"	00° -01' 37"	00:00:35
27	PKL PINANG	18:00:26	17:59:33	277° 03' 32"	274° 50' 53"	00° -06' 53"	00:00:52
28	PEKANBARU	18:21:11	18:20:48	277° 05' 22"	274° 54' 57"	00° -07' 04"	00:00:22
29	SEMARANG	17:42:12	17:41:23	277° 01' 16"	274° 48' 30"	00° -08' 59"	00:00:49
30	SERANG	17:58:30	17:58:09	277° 01' 57"	274° 52' 15"	00° -09' 36"	00:00:20
31	SURABAYA	17:30:14	17:28:57	277° 01' 03"	274° 45' 20"	00° -15' 42"	00:01:17
32	TJ PINANG	18:09:46	18:08:46	277° 06' 06"	274° 52' 54"	00° -06' 15"	00:00:59
33	YOGYAKARTA	17:41:43	17:41:02	277° 01' 16"	274° 49' 11"	00° -06' 57"	00:00:40
34	PLB RATU	17:58:00	17:57:48	277° 01' 52"	274° 52' 59"	00° -08' 07"	00:00:12
35	MADINAH	18:38:19	18:45:09	278° 11' 48"	275° 33' 35"	01° 12' 33"	00:06:49
36	MAKKAH	18:36:27	18:43:40	277° 58' 33"	275° 28' 17"	01° 19' 11"	00:07:12



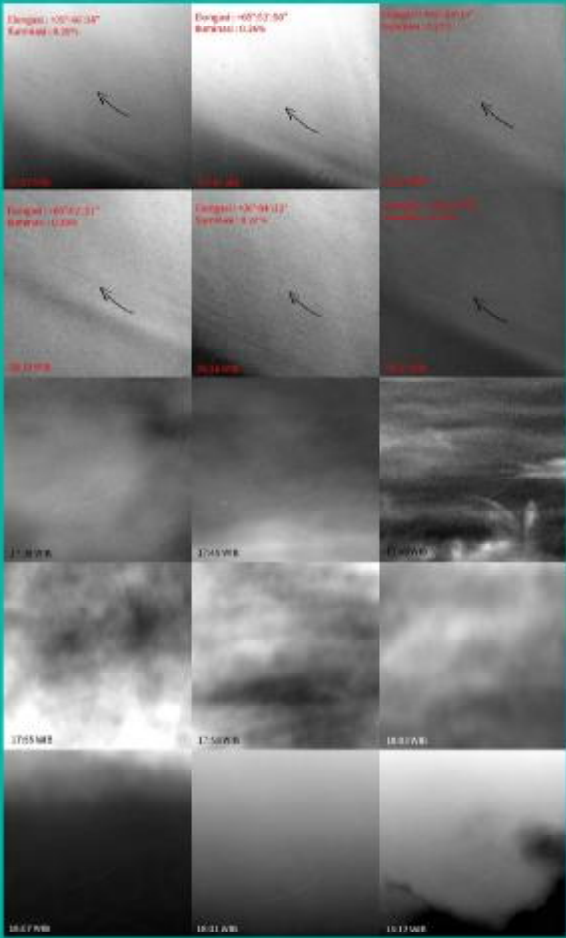
APRIL 2016

23 Jumadal Akhirah 1437 H
22 Rajab 1437 H

22 Jumadilakhir 1949 (Jimawal)
22 Rejeb 1949 (Jimawal)

AHAD	SENIN	SELASA	RABU	KAMIS	JUMAT	SABTU
الاحد	الاثنين	الثلاثاء	الاربعاء	الخميس	الجمعة	السبت
27 ^{١٨} 17 Legi	28 ^{١٩} 18 Pahing	29 ^{٢٠} 19 Pon	30 ^{٢١} 20 Wage	31 ^{٢٢} 21 Kliwon	1 ^{٢٣} 22 Legi	2 ^{٢٤} 23 Pahing
3 ^{٢٥} 24 Pon	4 ^{٢٦} 25 Wage	5 ^{٢٧} 26 Kliwon	6 ^{٢٨} 27 Legi	7 ^{٢٩} 28 Pahing	8 ^{٣٠} 29 Pon	9 ^١ 1 Wage
10 ^٢ 2 Kliwon	11 ^٣ 3 Legi	12 ^٤ 4 Pahing	13 ^٥ 5 Pon	14 ^٦ 6 Wage	15 ^٧ 7 Kliwon	16 ^٨ 8 Legi
17 ^٩ 9 Pahing	18 ^{١٠} 10 Pon	19 ^{١١} 11 Wage	20 ^{١٢} 12 Kliwon	21 ^{١٣} 13 Legi	22 ^{١٤} 14 Pahing	23 ^{١٥} 15 Pon
24 ^{١٦} 16 Wage	25 ^{١٧} 17 Kliwon	26 ^{١٨} 18 Legi	27 ^{١٩} 19 Pahing	28 ^{٢٠} 20 Pon	29 ^{٢١} 21 Wage	30 ^{٢٢} 22 Kliwon
1 ^{٢٣} 23 Legi	2 ^{٢٤} 24 Pahing	3 ^{٢٥} 25 Pon	4 ^{٢٦} 26 Wage	5 ^{٢٧} 27 Kliwon	6 ^{٢٨} 28 Legi	7 ^{٢٩} 29 Pahing





Pengamat: **Muhammad Yusuf**

Hasil pengamatan bulan sabit muda awal Zulkaidah 1436 H pada tanggal 15 Agustus 2015 di Observatorium Bosscha pada saat sebelum dan sesudah matahari terbenam. Bulan sabit dapat diamati bahkan sesaat sebelum bulan tenggelam di ufuk barat.

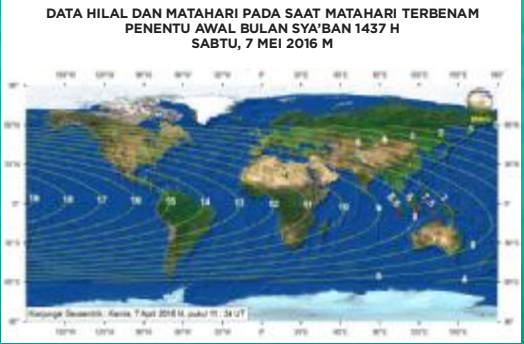
Teleskop:
William Optic Zenithstar 66 SD
(diameter 66 mm, fokus 388 mm)

Kamera:
Imaging Source DMK 41AU02.AS

Filter: **Bessel I**
Setiap foto telah mengalami olah citra dan penggabungan ratusan gambar untuk mendapatkan sabit bulan yang tajam dan jelas

**DATA HILAL SAAT MATAHARI TERBENAM
UNTUK KOTA-KOTA DI INDONESIA
7 MEI 2016**

NO	KOTA	TERBENAM MATAHARI	TERBENAM BULAN	AZIMUT MATAHARI	AZIMUT BULAN	TINGGI HILAL	LAMA HILAL
1	AMBON	18:18:56	18:54:56	286° 58' 01"	285° 26' 22"	07° 50' 36"	00:35:59
2	JAYAPURA	17:38:47	18:11:23	287° 01' 07"	284° 24' 05"	07° 07' 09"	00:32:36
3	MANOKWARI	18:02:48	18:37:15	286° 58' 00"	284° 53' 25"	07° 32' 57"	00:34:27
4	MERAUKE	17:30:32	18:04:43	287° 00' 44"	285° 59' 07"	07° 22' 24"	00:34:11
5	TERNATE	18:34:17	19:10:00	287° 01' 28"	284° 31' 04"	07° 45' 58"	00:35:42
6	BANJARMASIN	18:16:10	18:54:19	286° 58' 25"	285° 26' 11"	08° 20' 38"	00:38:08
7	DENPASAR	18:08:52	18:47:33	287° 04' 34"	286° 35' 39"	08° 22' 10"	00:38:41
8	GORONTALO	17:49:28	18:25:13	287° 00' 26"	284° 41' 49"	07° 51' 17"	00:35:44
9	KENDARI	17:43:25	18:19:44	286° 57' 50"	285° 30' 14"	07° 57' 21"	00:36:18
10	KUPANG	17:32:02	18:08:58	287° 05' 17"	286° 38' 03"	07° 57' 06"	00:36:55
11	MANADO	17:42:46	18:18:00	287° 01' 50"	284° 32' 08"	07° 43' 59"	00:35:14
12	MATARAM	18:04:55	18:43:22	287° 04' 23"	286° 54' 31"	08° 19' 12"	00:38:26
13	PALANGKARAYA	18:21:22	18:59:38	286° 58' 33"	285° 16' 24"	08° 22' 09"	00:38:15
14	PALU	17:58:52	18:35:33	286° 58' 37"	285° 02' 13"	08° 03' 28"	00:36:40
15	PONTIANAK	18:43:54	19:22:53	286° 59' 53"	284° 59' 15"	08° 29' 37"	00:38:58
16	SAMARINDA	18:11:53	18:49:15	286° 59' 32"	284° 54' 33"	08° 11' 45"	00:37:21
17	UJ PANDANG	17:58:00	18:35:18	286° 58' 42"	285° 44' 26"	08° 09' 39"	00:37:17
18	BANDA ACEH	18:47:19	19:27:57	287° 11' 47"	284° 10' 48"	08° 49' 11"	00:40:37
19	BD LAMPUNG	17:54:04	18:33:33	286° 59' 15"	285° 55' 32"	08° 39' 39"	00:39:29
20	BANDUNG	17:39:45	18:18:50	287° 00' 48"	286° 16' 26"	08° 31' 48"	00:39:04
21	BENGKULU	18:07:03	18:47:15	286° 59' 09"	285° 46' 43"	08° 49' 08"	00:40:12
22	JAKARTA	17:44:57	18:24:06	286° 59' 48"	286° 05' 24"	08° 34' 10"	00:39:09
23	JAMBI	18:01:35	18:41:06	286° 58' 54"	285° 22' 56"	08° 41' 37"	00:39:30
24	MEDAN	18:28:43	19:08:53	287° 06' 25"	284° 26' 34"	08° 46' 22"	00:40:09
25	PADANG	18:18:36	18:59:03	286° 59' 35"	285° 15' 04"	08° 52' 25"	00:40:26
26	PALEMBANG	17:56:28	18:35:48	286° 58' 39"	285° 32' 59"	08° 38' 52"	00:39:19
27	PKL PINANG	17:53:45	18:32:44	286° 58' 45"	285° 21' 26"	08° 35' 00"	00:38:59
28	PEKANBARU	18:15:51	18:55:57	287° 00' 15"	285° 04' 00"	08° 48' 36"	00:40:06
29	SEMARANG	17:31:45	18:10:34	287° 00' 41"	286° 14' 39"	08° 27' 20"	00:38:48
30	SERANG	17:48:54	18:28:16	286° 59' 54"	286° 06' 19"	08° 36' 53"	00:39:21
31	SURABAYA	17:19:42	17:58:17	287° 00' 39"	286° 12' 08"	08° 21' 35"	00:38:35
32	TJ PINANG	18:05:12	18:44:28	287° 01' 12"	284° 52' 15"	08° 38' 29"	00:39:16
33	YOGYAKARTA	17:30:31	18:09:27	287° 02' 06"	286° 26' 50"	08° 27' 27"	00:38:56
34	PLB RATU	17:47:41	18:27:08	287° 00' 59"	286° 18' 20"	08° 36' 55"	00:39:26
35	MADINAH	18:51:45	19:39:48	289° 07' 03"	282° 24' 22"	09° 36' 06"	00:48:03
36	MAKKAH	18:47:16	19:35:44	288° 38' 29"	282° 33' 45"	09° 55' 17"	00:48:28



Hasil Pengamatan Hilal Awal Zulkaidah 1436 H

MEI

23 Rajab 1437 H
24 Sya'ban 1437 H

2016

23 Rejeb 1949 (Jimawal)
23 Ruwah 1949 (Jimawal)

AHAD الاحد	SENIN الاثنين	SELASA الثلاثاء	RABU الاربعاء	KAMIS الخميس	JUMAT الجمعة	SABTU السبت
1 ^{٢٣} 23 Legi	2 ^{٢٤} 24 Pahing	3 ^{٢٥} 24 Pon	4 ^{٢٦} 26 Wage	5 ^{٢٧} 27 Kliwon	6 ^{٢٨} 28 Legi	7 ^{٢٩} 29 Pahing
8 ^١ 30 Pon	9 ^٢ 1 Wage	10 ^٣ 2 Kliwon	11 ^٤ 3 Legi	12 ^٥ 4 Pahing	13 ^٦ 5 Pon	14 ^٧ 6 Wage
15 ^٨ 7 Kliwon	16 ^٩ 8 Legi	17 ^{١٠} 9 Pahing	18 ^{١١} 10 Pon	19 ^{١٢} 11 Wage	20 ^{١٣} 12 Kliwon	21 ^{١٤} 13 Legi
22 ^{١٥} 14 Pahing	23 ^{١٦} 15 Pon	24 ^{١٧} 16 Wage	25 ^{١٨} 17 Kliwon	26 ^{١٩} 18 Legi	27 ^{٢٠} 19 Pahing	28 ^{٢١} 20 Pon
29 ^{٢٢} 21 Wage	30 ^{٢٣} 22 Kliwon	31 ^{٢٤} 23 Legi	1 ^{٢٥} 24 Pahing	2 ^{٢٦} 25 Pon	3 ^{٢٧} 26 Wage	4 ^{٢٨} 27 Kliwon
5 ^{٢٩} 28 Legi	6 ^١ 29 Pahing	7 ^٢ 1 Pon	8 ^٣ 2 Wage			

27 Mei 2016
Rashdul Kiblat
16:18 WIB, 17:18 WITA

1 Mei 2016 : Hari Buruh Internasional
5 Mei 2016 : Kenaikan Yesus Kristus
5 Mei 2016 : Isra Mikraj Nabi Muhammad (27 Rajab 1437 H)

6 Mei 2016 : Libur Isra Mikraj Nabi Muhammad
22 Mei 2016 : Hari Raya Waisak 2560

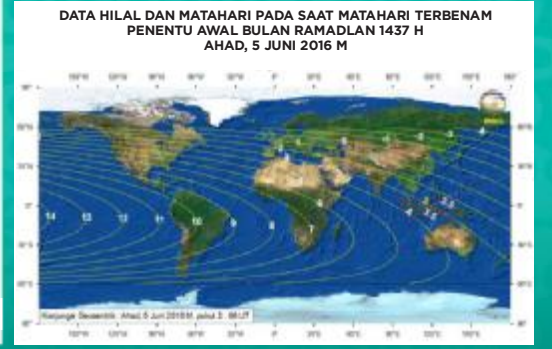




Muzakarah Penyatuan Kalender Hijriyah di Indonesia
Kementerian Agama dengan PB Nahdlatul Ulama

DATA HILAL SAAT MATAHARI TERBENAM
UNTUK KOTA-KOTA DI INDONESIA
5 JUNI 2016

NO	KOTA	TERBENAM MATAHARI	TERBENAM BULAN	AZIMUT MATAHARI	AZIMUT BULAN	TINGGI HILAL	LAMA HILAL
1	AMBON	18:19:19	18:34:39	292° 36' 28"	288° 19' 24"	03° 09' 04"	00:15:19
2	JAYAPURA	17:41:49	17:53:07	292° 39' 22"	287° 52' 11"	02° 12' 41"	00:11:17
3	MANOKWARI	18:04:29	18:17:53	292° 35' 47"	288° 02' 54"	02° 44' 29"	00:13:24
4	MERAUKE	17:29:06	17:43:48	292° 42' 11"	288° 38' 42"	02° 53' 33"	00:14:41
5	TERNATE	18:37:21	18:51:15	292° 39' 20"	287° 54' 17"	02° 49' 02"	00:13:53
6	BANJARMASIN	18:17:01	18:34:20	292° 36' 05"	288° 19' 10"	03° 35' 34"	00:17:19
7	DENPASAR	18:07:02	18:26:04	292° 46' 14"	289° 02' 49"	03° 55' 09"	00:19:01
8	GORONTALO	17:52:03	18:06:32	292° 37' 58"	287° 58' 11"	02° 57' 10"	00:14:28
9	KENDARI	17:43:48	17:59:52	292° 36' 07"	288° 21' 18"	03° 15' 48"	00:16:03
10	KUPANG	17:29:42	17:47:37	292° 48' 23"	289° 04' 44"	03° 34' 11"	00:17:54
11	MANADO	17:45:48	17:59:40	292° 39' 38"	287° 54' 44"	02° 47' 41"	00:13:52
12	MATARAM	18:03:06	18:21:54	292° 46' 03"	289° 02' 01"	03° 52' 08"	00:18:48
13	PALANGKARAYA	18:22:39	18:39:53	292° 35' 55"	288° 13' 56"	03° 34' 13"	00:17:14
14	PALU	18:00:34	18:16:13	292° 36' 01"	288° 06' 56"	03° 13' 56"	00:15:39
15	PONTIANAK	18:46:06	19:03:40	292° 36' 57"	288° 05' 21"	03° 35' 49"	00:17:33
16	SAMARINDA	18:14:02	18:30:03	292° 36' 48"	288° 03' 24"	03° 19' 06"	00:16:01
17	UU PANDANG	17:57:57	18:14:57	292° 37' 21"	288° 29' 33"	03° 30' 35"	00:17:00
18	BANDA ACEH	18:52:14	19:10:16	292° 50' 49"	287° 46' 51"	03° 39' 51"	00:18:01
19	BD LAMPUNG	17:54:01	18:13:17	292° 37' 31"	288° 35' 52"	04° 00' 04"	00:19:15
20	BANDUNG	17:38:48	17:58:16	292° 40' 29"	288° 49' 15"	03° 58' 36"	00:19:27
21	BENGKULU	18:07:27	18:27:06	292° 36' 50"	288° 30' 33"	04° 06' 22"	00:19:39
22	JAKARTA	17:44:27	18:03:42	292° 38' 43"	288° 42' 04"	03° 57' 45"	00:19:14
23	JAMBI	18:02:51	18:21:30	292° 36' 01"	288° 17' 06"	03° 53' 30"	00:18:58
24	MEDAN	18:32:42	18:50:39	292° 44' 15"	287° 51' 43"	03° 42' 10"	00:17:56
25	PADANG	18:20:20	18:39:34	292° 36' 25"	288° 12' 51"	04° 00' 58"	00:19:14
26	PALEMBANG	17:57:18	18:16:00	292° 36' 03"	288° 22' 37"	03° 53' 33"	00:18:41
27	PKL PINANG	17:55:01	18:13:13	292° 35' 55"	288° 16' 18"	03° 47' 01"	00:18:11
28	PEKANBARU	18:18:01	18:36:45	292° 37' 05"	288° 07' 21"	03° 54' 38"	00:18:44
29	SEMARANG	17:30:48	17:50:03	292° 40' 27"	288° 48' 10"	03° 54' 15"	00:19:15
30	SERANG	17:48:25	18:07:48	292° 38' 48"	288° 42' 38"	04° 00' 23"	00:19:22
31	SURABAYA	17:18:44	17:37:38	292° 40' 30"	288° 46' 40"	03° 48' 37"	00:18:54
32	TJ PINANG	18:07:47	18:25:35	292° 38' 12"	288° 02' 02"	03° 42' 37"	00:17:47
33	YOGYAKARTA	17:29:07	17:48:41	292° 42' 43"	288° 56' 19"	03° 57' 37"	00:19:34
34	PLB RATU	17:46:45	18:06:27	292° 40' 36"	288° 50' 27"	04° 03' 33"	00:19:41
35	MADINAH	19:05:35	19:26:31	295° 20' 41"	288° 02' 24"	03° 52' 43"	00:20:56
36	MAKKAH	18:59:27	19:21:37	294° 42' 28"	287° 44' 12"	04° 14' 23"	00:22:09



JUNI 2016

25 Sya'ban 1437 H
25 Ramadan 1437 H

24 Ruwah 1949 (Jimawal)
24 Poso 1949 (Jimawal)

AHAD
الاحد

SENIN
الاثنين

SELASA
الثلاثاء

RABU
الاربعاء

KAMIS
الخميس

JUMAT
الجمعة

SABTU
السبت

29 ^{٢٢} 21 Wage	30 ^{٢٣} 22 Kliwon	31 ^{٢٤} 23 Legi	1 ^{٢٥} 24 Pahing	2 ^{٢٦} 25 Pon	3 ^{٢٧} 26 Wage	4 ^{٢٨} 27 Kliwon
5 ^{٢٩} 28 Legi	6 ^١ 29 Pahing	7 ^٢ 1 Pon	8 ^٣ 2 Wage	9 ^٤ 3 Kliwon	10 ^٥ 4 Legi	11 ^٦ 5 Pahing
12 ^٧ 6 Pon	13 ^٨ 7 Wage	14 ^٩ 8 Kliwon	15 ^{١٠} 9 Legi	16 ^{١١} 10 Pahing	17 ^{١٢} 11 Pon	18 ^{١٣} 12 Wage
19 ^{١٤} 13 Kliwon	20 ^{١٥} 14 Legi	21 ^{١٦} 15 Pahing	22 ^{١٧} 16 Pon	23 ^{١٨} 17 Wage	24 ^{١٩} 18 Kliwon	25 ^{٢٠} 19 Legi
26 ^{٢١} 20 Pahing	27 ^{٢٢} 21 Pon	28 ^{٢٣} 22 Wage	29 ^{٢٤} 23 Kliwon	30 ^{٢٥} 24 Legi	1 ^{٢٦} 25 Pahing	2 ^{٢٧} 26 Pon
3 ^{٢٨} 27 Wage	4 ^{٢٩} 28 Kliwon	5 ^{٣٠} 29 Legi	6 ^١ 30 Pahing	7 ^٢ 1 Pon	8 ^٣ 2 Wage	9 ^٤ 3 Kliwon





Pelaksanaan Rukyatul Hilal dan Itsbat Rukyat di Daerah

DATA HILAL SAAT MATAHARI TERBENAM
UNTUK KOTA-KOTA DI INDONESIA
4 JULI 2016

NO	KOTA	TERBENAM MATAHARI	TERBENAM BULAN	AZIMUT MATAHARI	AZIMUT BULAN	TINGGI HILAL	LAMA HILAL
1	AMBON	18:25:11	18:16:30	292° 49' 00"	288° 20' 19"	-01° 47' 47"	00:-08:40
2	JAYAPURA	17:47:44	17:35:22	292° 52' 09"	288° 33' 59"	-02° 44' 49"	00:-12:22
3	MANOKWARI	18:10:19	18:00:05	292° 48' 25"	288° 23' 53"	-02° 12' 18"	00:-10:14
4	MERAUKE	17:34:54	17:25:32	292° 55' 11"	288° 20' 07"	-02° 02' 05"	00:-09:22
5	TERNATE	18:43:22	18:33:08	292° 51' 43"	288° 30' 40"	-02° 09' 10"	00:-10:13
6	BANJARMASIN	18:22:52	18:16:09	292° 48' 07"	288° 20' 40"	-01° 21' 18"	00:-06:43
7	DENPASAR	18:12:45	18:07:49	292° 58' 37"	288° 28' 27"	00° -57' 05"	00:-04:56
8	GORONTALO	17:57:54	17:48:47	292° 50' 09"	288° 27' 03"	-01° 59' 23"	00:-09:06
9	KENDARI	17:49:37	17:41:54	292° 48' 29"	288° 20' 05"	-01° 40' 36"	00:-07:42
10	KUPANG	17:35:29	17:29:17	293° 00' 57"	288° 27' 57"	-01° 18' 40"	00:-06:11
11	MANADO	17:51:42	17:41:54	292° 51' 53"	288° 30' 26"	-02° 09' 14"	00:-09:47
12	MATARAM	18:08:47	18:03:43	292° 58' 32"	288° 28' 07"	00° -59' 52"	00:-05:04
13	PALANGKARAYA	18:28:33	18:21:40	292° 47' 54"	288° 21' 04"	-01° 23' 15"	00:-06:53
14	PALU	18:06:22	17:58:22	292° 48' 12"	288° 22' 33"	-01° 42' 23"	00:-08:00
15	PONTIANAK	18:52:06	18:45:20	292° 48' 44"	288° 22' 44"	-01° 22' 52"	00:-06:45
16	SAMARINDA	18:19:56	18:12:01	292° 48' 51"	288° 23' 49"	-01° 38' 09"	00:-07:54
17	UJ PANDANG	18:03:41	17:56:59	292° 49' 42"	288° 20' 46"	-01° 24' 16"	00:-06:41
18	BANDA ACEH	18:58:20	18:51:57	293° 02' 15"	288° 35' 34"	-01° 18' 06"	00:-06:22
19	BD LAMPUNG	17:59:46	17:55:17	292° 49' 23"	288° 21' 38"	00° -54' 43"	00:-04:29
20	BANDUNG	17:44:36	17:40:08	292° 52' 27"	288° 24' 07"	00° -55' 56"	00:-04:27
21	BENGKULU	18:13:15	18:08:55	292° 48' 31"	288° 21' 02"	00° -49' 24"	00:-04:19
22	JAKARTA	17:50:14	17:45:40	292° 50' 39"	288° 22' 35"	00° -57' 09"	00:-04:34
23	JAMBI	18:08:40	18:03:27	292° 47' 42"	288° 20' 29"	-01° 02' 46"	00:-05:12
24	MEDAN	18:38:44	18:32:23	292° 55' 44"	288° 21' 37"	-01° 15' 53"	00:-06:20
25	PADANG	18:26:15	18:21:18	292° 47' 55"	288° 20' 39"	00° -56' 42"	00:-04:56
26	PALEMBANG	18:03:04	17:58:01	292° 47' 50"	288° 20' 24"	-01° 02' 04"	00:-05:03
27	PKL PINANG	18:00:48	17:55:17	292° 47' 40"	288° 20' 32"	-01° 09' 01"	00:-05:31
28	PEKANBARU	18:23:56	18:18:32	292° 48' 36"	288° 21' 37"	-01° 03' 02"	00:-05:23
29	SEMARANG	17:36:38	17:31:49	292° 52' 25"	288° 23' 46"	-01° 00' 47"	00:-04:48
30	SERANG	17:54:11	17:49:47	292° 50' 43"	288° 22' 46"	00° -54' 12"	00:-04:23
31	SURABAYA	17:24:36	17:19:17	292° 52' 31"	288° 23' 21"	-01° 06' 58"	00:-05:19
32	TJ PINANG	18:13:40	18:07:32	292° 49' 47"	288° 23' 34"	-01° 14' 25"	00:-06:07
33	YOGYAKARTA	17:34:55	17:30:24	292° 54' 44"	288° 25' 55"	00° -56' 37"	00:-04:31
34	PLB RATU	17:52:30	17:48:24	292° 52' 34"	288° 24' 34"	00° -50' 24"	00:-04:06
35	MADINAH	19:11:55	19:07:32	295° 31' 23"	290° 21' 22"	00° -47' 50"	00:-04:23
36	MAKKAH	19:05:44	19:02:39	294° 52' 55"	289° 45' 12"	00° -32' 07"	00:-03:05

26 Ramadan 1437 H
26 Syawal 1437 H

25 Poso 1949 (Jimawal)
25 Sawal 1949 (Jimawal)

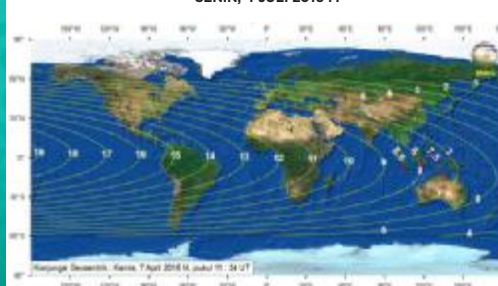
AHAD **الاحد** SENIN **الاثنين** SELASA **الثلاثاء** RABU **الاربعاء** KAMIS **الخميس** JUMAT **الجمعة** SABTU **السبت**

26 ^{٢١} 20 Pahing	27 ^{٢٢} 21 Pon	28 ^{٢٣} 22 Wage	29 ^{٢٤} 23 Kliwon	30 ^{٢٥} 24 Legi	1 ^{٢٦} 25 Pahing	2 ^{٢٧} 26 Pon
3 ^{٢٨} 27 Wage	4 ^{٢٩} 28 Kliwon	5 ^{٣٠} 29 Legi	6 ^١ 30 Pahing	7 ^٢ 1 Pon	8 ^٣ 2 Wage	9 ^٤ 3 Kliwon
10 ^٥ 4 Legi	11 ^٦ 5 Pahing	12 ^٧ 6 Pon	13 ^٨ 7 Wage	14 ^٩ 8 Kliwon	15 ^{١٠} 9 Legi	16 ^{١١} 10 Pahing
17 ^{١٢} 11 Pon	18 ^{١٣} 12 Wage	19 ^{١٤} 13 Kliwon	20 ^{١٥} 14 Legi	21 ^{١٦} 15 Pahing	22 ^{١٧} 16 Pon	23 ^{١٨} 17 Wage
24 ^{١٩} 18 Kliwon	25 ^{٢٠} 19 Legi	26 ^{٢١} 20 Pahing	27 ^{٢٢} 21 Pon	28 ^{٢٣} 22 Wage	29 ^{٢٤} 23 Kliwon	30 ^{٢٥} 24 Legi
31 ^{٢٦} 25 Pahing	1 ^{٢٧} 26 Pon	2 ^{٢٨} 27 Wage	3 ^{٢٩} 28 Kliwon	4 ^١ 29 Legi	5 ^٢ 1 Pahing	6 ^٣ 2 Pon

4 - 5 Juli 2016 : Cuti Bersama Hari Raya Idul Fitri 1437 Hijriah
6 - 7 Juli 2016 : Hari Raya Idul Fitri 1437 Hijriah
8 Juli 2016 : Cuti Bersama Hari Raya Idul Fitri 1437 Hijriah

15 Juli 2016
Rashdul Kiblat
16:27 WIB, 17:27 WITA

DATA HILAL DAN MATAHARI PADA SAAT MATAHARI TERBENAM
PENENTU AWAL BULAN SYAWAL 1437 H
SENIN, 4 JULI 2016 M



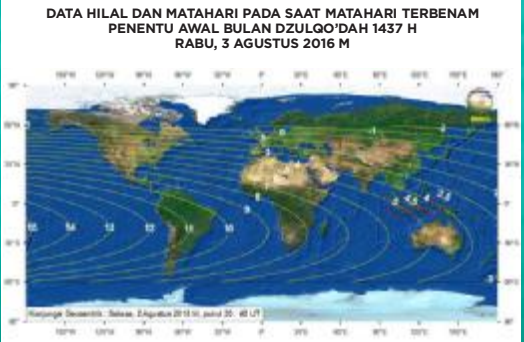
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Kegiatan Penyusunan Standardisasi Kriteria Awal Bulan Qomariyah Kementerian Agama dengan MUI

DATA HILAL SAAT MATAHARI TERBENAM
UNTUK KOTA-KOTA DI INDONESIA
3 AGUSTUS 2016

NO	KOTA	TERBENAM MATAHARI	TERBENAM BULAN	AZIMUT MATAHARI	AZIMUT BULAN	TINGGI HILAL	LAMA HILAL
1	AMBON	18:28:28	18:49:45	287° 19' 23"	283° 47' 52"	04° 35' 12"	00:21:17
2	JAYAPURA	17:48:25	18:05:57	287° 23' 20"	283° 19' 01"	03° 44' 56"	00:17:32
3	MANOKWARI	18:12:16	18:31:52	287° 19' 42"	283° 30' 35"	04° 14' 36"	00:19:35
4	MERAUKE	17:39:57	18:00:16	287° 23' 19"	284° 19' 28"	04° 18' 03"	00:20:19
5	TERNATE	18:44:03	19:04:03	287° 22' 31"	283° 11' 34"	04° 16' 49"	00:20:00
6	BANJARMASIN	18:25:43	18:48:43	287° 18' 29"	283° 36' 13"	04° 59' 40"	00:23:00
7	DENPASAR	18:18:11	18:42:46	287° 25' 10"	284° 25' 56"	05° 17' 14"	00:24:34
8	GORONTALO	17:58:59	18:19:22	287° 21' 02"	283° 14' 32"	04° 25' 47"	00:20:22
9	KENDARI	17:52:51	18:14:31	287° 18' 44"	283° 45' 27"	04° 41' 43"	00:21:39
10	KUPANG	17:41:24	18:04:31	287° 26' 37"	284° 34' 52"	04° 55' 09"	00:23:07
11	MANADO	17:52:21	18:12:07	287° 22' 36"	283° 10' 32"	04° 16' 27"	00:19:45
12	MATARAM	18:14:13	18:38:35	287° 25' 09"	284° 25' 59"	05° 14' 51"	00:24:22
13	PALANGKARAYA	18:30:58	18:53:53	287° 18' 28"	283° 28' 51"	04° 58' 05"	00:22:55
14	PALU	18:08:19	18:29:50	287° 19' 05"	283° 24' 41"	04° 41' 21"	00:21:30
15	PONTIANAK	18:53:38	19:16:45	287° 19' 19"	283° 13' 38"	04° 58' 08"	00:23:06
16	SAMARINDA	18:21:28	18:43:18	287° 19' 39"	283° 17' 22"	04° 45' 02"	00:21:50
17	UJ PANDANG	18:07:20	18:30:04	287° 19' 25"	283° 52' 10"	04° 56' 27"	00:22:44
18	BANDA ACEH	18:57:12	19:20:29	287° 30' 06"	282° 34' 13"	04° 59' 11"	00:23:17
19	BD LAMPUNG	18:03:24	18:28:05	287° 18' 43"	283° 48' 14"	05° 23' 23"	00:24:40
20	BANDUNG	17:49:09	18:13:44	287° 20' 32"	284° 05' 30"	05° 19' 59"	00:24:35
21	BENGKULU	18:16:29	18:41:33	287° 18' 10"	283° 39' 30"	05° 28' 21"	00:25:03
22	JAKARTA	17:54:20	18:18:50	287° 19' 26"	283° 56' 47"	05° 20' 01"	00:24:30
23	JAMBI	18:11:02	18:35:09	287° 18' 00"	283° 24' 57"	05° 16' 51"	00:24:06
24	MEDAN	18:38:30	19:01:51	287° 24' 57"	282° 45' 55"	05° 03' 08"	00:23:20
25	PADANG	18:28:12	18:52:49	287° 18' 13"	283° 16' 21"	05° 22' 08"	00:24:36
26	PALEMBANG	18:05:51	18:30:01	287° 17' 56"	283° 32' 34"	05° 17' 24"	00:24:09
27	PKL PINANG	18:03:09	18:26:50	287° 18' 02"	283° 25' 36"	05° 11' 17"	00:23:41
28	PEKANBARU	18:25:27	18:49:36	287° 18' 57"	283° 10' 03"	05° 16' 25"	00:24:09
29	SEMARANG	17:41:12	18:05:33	287° 20' 31"	284° 05' 45"	05° 15' 07"	00:24:20
30	SERANG	17:58:15	18:22:58	287° 19' 30"	283° 56' 41"	05° 23' 00"	00:24:42
31	SURABAYA	17:29:13	17:53:20	287° 20' 38"	284° 06' 20"	05° 09' 02"	00:24:06
32	TJ PINANG	18:14:44	18:38:03	287° 20' 07"	283° 05' 12"	05° 06' 04"	00:23:18
33	YOGYAKARTA	17:39:57	18:04:34	287° 21' 59"	284° 14' 40"	05° 17' 51"	00:24:37
34	PLB RATU	17:57:01	18:21:59	287° 20' 39"	284° 05' 23"	05° 25' 37"	00:24:57
35	MADINAH	19:01:54	19:25:45	289° 21' 42"	281° 23' 04"	04° 41' 45"	00:23:51
36	MAKKAH	18:57:21	19:22:32	288° 52' 47"	281° 16' 16"	05° 05' 52"	00:25:11



AGUSTUS 2016

27 Syawal 1437 H
28 Zulqa'dah 1437 H

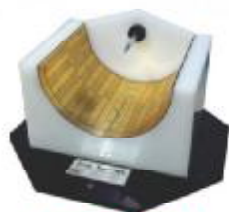
26 Sawal 1949 (Jimawal)
27 Selo 1949 (Jimawal)

AHAD الأحد	SENIN الاثنين	SELASA الثلاثاء	RABU الأربعاء	KAMIS الخميس	JUMAT الجمعة	SABTU السبت
31 ^{٢٦} 25 Pahing	1 ^{٢٧} 26 Pon	2 ^{٢٨} 27 Wage	3 ^{٢٩} 28 Kliwon	4 ^١ 29 Legi	5 ^٢ 1 Pahing	6 ^٣ 2 Pon
7 ^٤ 3 Wage	8 ^٥ 4 Kliwon	9 ^٦ 5 Legi	10 ^٧ 6 Pahing	11 ^٨ 7 Pon	12 ^٩ 8 Wage	13 ^{١٠} 9 Kliwon
14 ^{١١} 10 Legi	15 ^{١٢} 11 Pahing	16 ^{١٣} 12 Pon	17 ^{١٤} 13 Wage	18 ^{١٥} 14 Kliwon	19 ^{١٦} 15 Legi	20 ^{١٧} 16 Pahing
21 ^{١٨} 17 Pon	22 ^{١٩} 18 Wage	23 ^{٢٠} 19 Kliwon	24 ^{٢١} 20 Legi	25 ^{٢٢} 21 Pahing	26 ^{٢٣} 22 Pon	27 ^{٢٤} 23 Wage
28 ^{٢٥} 24 Kliwon	29 ^{٢٦} 25 Legi	30 ^{٢٧} 26 Pahing	31 ^{٢٨} 27 Pon	1 ^{٢٩} 28 Wage	2 ^{٣٠} 29 Kliwon	3 ^١ 30 Legi
4 ^٢ 1 Pahing	5 ^٣ 2 Pon	6 ^٤ 3 Wage	7 ^٥ 4 Kliwon	8 ^٦ 5 Legi	9 ^٧ 6 Pahing	10 ^٨ 7 Pon

17 Agustus 2016 : Hari Kemerdekaan Republik Indonesia



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Jam Bencet



Rubu' Mujayyab



Mizwalla



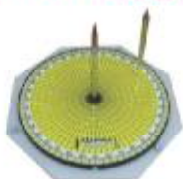
Planetarium



Busur



Kompas



Istiwa'ain



Bencer Shalat



Altimeter



Buku Ephemeris



Binokuler



GPS



Theodolit



Gawang Lokasi



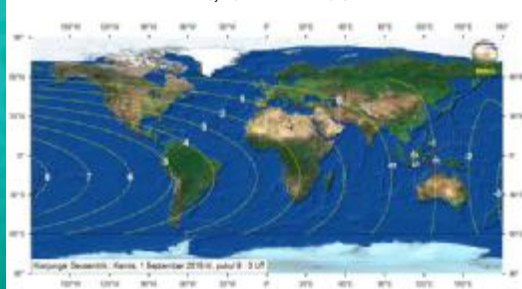
Teleskop

PERALATAN HISAB RUKYAT

DATA HILAL SAAT MATAHARI TERBENAM UNTUK KOTA-KOTA DI INDONESIA 1 SEPTEMBER 2016

NO	KOTA	TERBENAM MATAHARI	TERBENAM BULAN	AZIMUT MATAHARI	AZIMUT BULAN	TINGGI HILAL	LAMA HILAL
1	AMBON	18:24:48	18:21:03	278° 01' 07"	277° 41' 22"	00° -43' 27"	00:03:45
2	JAYAPURA	17:40:42	17:35:22	278° 06' 11"	277° 52' 58"	-01° 13' 29"	00:05:20
3	MANOKWARI	18:06:38	18:02:16	278° 02' 45"	277° 45' 12"	00° -55' 03"	00:04:21
4	MERAUKE	17:39:03	17:33:46	278° 01' 00"	277° 44' 49"	-01° 11' 44"	00:05:16
5	TERNATE	18:36:13	18:32:40	278° 05' 04"	277° 43' 17"	00° -40' 46"	00:03:32
6	BANJARMASIN	18:21:21	18:19:27	278° 00' 35"	277° 34' 21"	00° -17' 05"	00:01:54
7	DENPASAR	18:17:58	18:16:07	278° 00' 55"	277° 38' 14"	00° -16' 22"	00:01:51
8	GORONTALO	17:52:01	17:49:02	278° 03' 53"	277° 39' 53"	00° -38' 35"	00:02:59
9	KENDARI	17:49:14	17:46:16	278° 00' 18"	277° 37' 59"	00° -38' 23"	00:02:57
10	KUPANG	17:41:53	17:38:46	278° 00' 49"	277° 40' 38"	00° -40' 31"	00:03:06
11	MANADO	17:44:40	17:41:23	278° 05' 12"	277° 42' 05"	00° -43' 35"	00:03:16
12	MATARAM	18:14:00	18:12:01	278° 00' 55"	277° 38' 29"	00° -18' 41"	00:01:59
13	PALANGKARAYA	18:25:55	18:24:07	278° 00' 58"	277° 33' 40"	00° -15' 19"	00:01:47
14	PALU	18:02:41	18:00:08	278° 01' 53"	277° 37' 03"	00° -29' 45"	00:02:33
15	PONTIANAK	18:47:09	18:45:58	278° 02' 01"	277° 30' 41"	00° -08' 11"	00:02:11
16	SAMARINDA	18:15:05	18:12:53	278° 02' 30"	277° 35' 36"	00° -21' 56"	00:02:11
17	UJ PANDANG	18:04:24	18:02:00	278° 00' 08"	277° 36' 38"	00° -26' 46"	00:02:23
18	BANDA ACEH	18:46:33	18:46:59	278° 08' 58"	277° 22' 25"	00° 05' 58"	00:00:25
19	BD LAMPUNG	18:00:28	17:59:54	277° 59' 11"	277° 30' 15"	00° -01' 09"	00:00:33
20	BANDUNG	17:47:33	17:46:36	277° 58' 59"	277° 32' 51"	00° -09' 28"	00:00:57
21	BENGKULU	18:12:50	18:12:39	277° 59' 25"	277° 28' 20"	00° 00' -27"	00:00:10
22	JAKARTA	17:52:03	17:51:14	277° 58' 59"	277° 31' 41"	00° -06' 58"	00:00:49
23	JAMBI	18:06:03	18:05:34	278° 00' 17"	277° 28' 06"	00° -04' 53"	00:00:29
24	MEDAN	18:29:18	18:29:18	278° 05' 54"	277° 24' 34"	00° 02' 15"	00:00:00
25	PADANG	18:22:28	18:22:29	278° 00' 43"	277° 25' 31"	00° 02' 26"	00:00:00
26	PALEMBANG	18:01:34	18:00:58	277° 59' 48"	277° 29' 01"	00° -01' 20"	00:00:35
27	PKL PINANG	17:58:12	17:57:27	278° 00' 20"	277° 29' 06"	00° -04' 32"	00:00:44
28	PEKANBARU	18:19:02	18:18:54	278° 01' 32"	277° 25' 47"	00° 00' 31"	00:00:08
29	SEMARANG	17:39:36	17:38:22	277° 59' 00"	277° 33' 30"	00° -14' 04"	00:01:13
30	SERANG	17:56:00	17:55:18	277° 59' 01"	277° 31' 22"	00° -04' 09"	00:00:41
31	SURABAYA	17:27:36	17:25:57	277° 59' 12"	277° 34' 39"	00° -19' 45"	00:01:38
32	TJ PINANG	18:07:43	18:07:10	278° 02' 39"	277° 27' 35"	00° -05' 23"	00:00:33
33	YOGYAKARTA	17:39:02	17:37:49	277° 59' 09"	277° 34' 25"	00° -13' 55"	00:01:13
34	PLB RATU	17:55:26	17:54:46	277° 59' 03"	277° 32' 18"	00° -04' 04"	00:00:40
35	MADINAH	18:37:37	18:43:12	279° 04' 46"	276° 47' 17"	01° 04' 19"	00:05:34
36	MAKKAH	18:35:33	18:41:29	278° 50' 24"	276° 40' 41"	01° 10' 10"	00:05:55

DATA HILAL DAN MATAHARI PADA SAAT MATAHARI TERBENAM PENENTU AWAL BULAN DZULHIJAH 1437 H KAMIS, 1 SEPTEMBER 2016 M



29 Zulqad'ah 1437 H
28 Zulhijjah 1437 H

28 Selo 1949 (Jimawal)
27 Besar 1949 (Jimawal)

AHAD **الاحد** SENIN **الاثنين** SELASA **الثلاثاء** RABU **الاربعاء** KAMIS **الخميس** JUMAT **الجمعة** SABTU **السبت**

28 ^{٢٥} 24 Kliwon 29 ^{٢٦} 25 Legi 30 ^{٢٧} 26 Pahing 31 ^{٢٨} 27 Pon 1 ^{٢٩} 28 Wage 2 ^{٣٠} 29 Kliwon 3 ^١ 30 Legi

4 ^٢ 1 Pahing 5 ^٣ 2 Pon 6 ^٤ 3 Wage 7 ^٥ 4 Kliwon 8 ^٦ 5 Legi 9 ^٧ 6 Pahing 10 ^٨ 7 Pon

11 ^٩ 8 Wage 12 ^{١٠} 9 Kliwon 13 ^{١١} 10 Legi 14 ^{١٢} 11 Pahing 15 ^{١٣} 12 Pon 16 ^{١٤} 13 Wage 17 ^{١٥} 14 Kliwon

18 ^{١٦} 15 Legi 19 ^{١٧} 16 Pahing 20 ^{١٨} 17 Pon 21 ^{١٩} 18 Wage 22 ^{٢٠} 19 Kliwon 23 ^{٢١} 20 Legi 24 ^{٢٢} 21 Pahing

25 ^{٢٣} 22 Pon 26 ^{٢٤} 23 Wage 27 ^{٢٥} 24 Kliwon 28 ^{٢٦} 25 Legi 29 ^{٢٧} 26 Pahing 30 ^{٢٨} 27 Pon 1 ^{٢٩} 28 Wage

2 ^١ 29 Kliwon 3 ^٢ 1 Legi 4 ^٣ 2 Pahing 5 ^٤ 3 Pon



1 September 2016

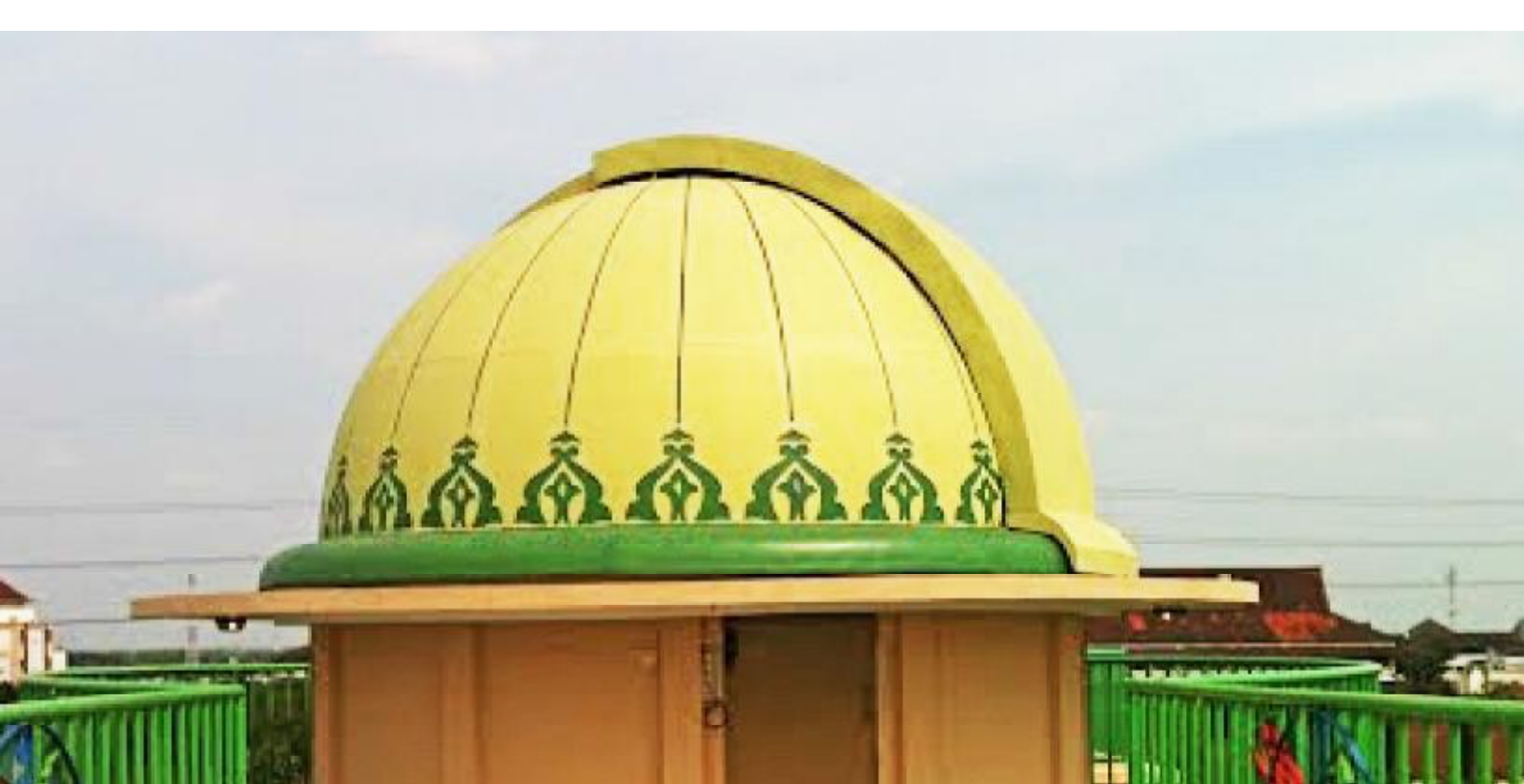
Awal Gerhana = 14:17 WIB
Puncak Gerhana = 16:06 WIB
Akhir Gerhana = 17:55 WIB

Dapat disaksikan sebagian Indonesia
bagian Barat sesaat sebelum terbenam
matahari

12 September 2016 : Hari Raya Idul Adha 1437 Hijriah



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Observatorium Assalaam, Surakarta Jawa Tengah

DATA HILAL SAAT MATAHARI TERBENAM
UNTUK KOTA-KOTA DI INDONESIA
1 OKTOBER 2016

NO	KOTA	TERBENAM MATAHARI	TERBENAM BULAN	AZIMUT MATAHARI	AZIMUT BULAN	TINGGI HILAL	LAMA HILAL
1	AMBON	18:17:40	18:33:29	266° 30' 52"	267° 37' 51"	03° 34' 08"	00:15:49
2	JAYAPURA	17:28:44	17:43:22	266° 37' 15"	267° 21' 22"	03° 11' 51"	00:14:38
3	MANOKWARI	17:57:14	18:12:21	266° 34' 05"	267° 28' 35"	03° 24' 10"	00:15:06
4	MERAUKE	17:35:10	17:49:17	266° 25' 39"	267° 56' 10"	03° 03' 10"	00:14:06
5	TERNATE	18:24:12	18:40:37	266° 36' 06"	267° 11' 20"	03° 42' 27"	00:16:24
6	BANJARMASIN	18:13:27	18:31:00	266° 31' 00"	267° 26' 11"	03° 58' 52"	00:17:33
7	DENPASAR	18:14:56	18:32:14	266° 23' 38"	267° 51' 28"	03° 52' 22"	00:17:18
8	GORONTALO	17:40:56	17:57:31	266° 35' 14"	267° 13' 10"	03° 41' 31"	00:16:34
9	KENDARI	17:42:09	17:58:29	266° 29' 58"	267° 34' 13"	03° 37' 48"	00:16:20
10	KUPANG	17:39:40	17:55:37	266° 21' 30"	267° 57' 02"	03° 28' 29"	00:15:56
11	MANADO	17:32:43	17:49:13	266° 36' 14"	267° 10' 09"	03° 38' 29"	00:16:29
12	MATARAM	18:10:58	18:28:06	266° 23' 37"	267° 51' 44"	03° 50' 04"	00:17:07
13	PALANGKARAYA	18:17:10	18:34:56	266° 31' 57"	267° 21' 07"	04° 01' 47"	00:17:45
14	PALU	17:53:18	18:10:04	266° 33' 09"	267° 20' 02"	03° 47' 05"	00:16:46
15	PONTIANAK	18:36:42	18:55:18	266° 33' 25"	267° 08' 37"	04° 11' 26"	00:18:36
16	SAMARINDA	18:04:50	18:22:09	266° 33' 55"	267° 13' 43"	03° 55' 58"	00:17:18
17	UJ PANDANG	17:58:11	18:14:56	266° 28' 44"	267° 36' 32"	03° 46' 35"	00:16:45
18	BANDA ACEH	18:31:13	18:51:37	266° 36' 21"	266° 26' 37"	04° 36' 02"	00:20:23
19	BD LAMPUNG	17:54:15	18:12:42	266° 27' 44"	267° 29' 40"	04° 10' 00"	00:18:02
20	BANDUNG	17:42:53	18:00:55	266° 25' 04"	267° 39' 35"	04° 00' 52"	00:18:02
21	BENGKULU	18:05:47	18:24:48	266° 28' 59"	267° 23' 48"	04° 19' 15"	00:19:00
22	JAKARTA	17:46:36	18:04:45	266° 26' 25"	267° 34' 54"	04° 04' 08"	00:18:09
23	JAMBI	17:57:27	18:16:09	266° 31' 08"	267° 15' 10"	04° 14' 56"	00:18:41
24	MEDAN	18:15:44	18:35:28	266° 35' 36"	266° 40' 57"	04° 29' 20"	00:19:44
25	PADANG	18:12:57	18:32:24	266° 31' 57"	267° 07' 58"	04° 26' 03"	00:19:27
26	PALEMBANG	17:53:46	18:12:16	266° 30' 05"	267° 20' 26"	04° 11' 35"	00:18:30
27	PKL PINANG	17:49:35	18:07:59	266° 31' 12"	267° 16' 15"	04° 09' 44"	00:18:24
28	PEKANBARU	18:08:46	18:28:04	266° 32' 54"	267° 03' 29"	04° 24' 07"	00:19:18
29	SEMARANG	17:34:54	17:52:48	266° 25' 09"	267° 40' 23"	03° 57' 00"	00:17:54
30	SERANG	17:50:33	18:08:49	266° 26' 26"	267° 34' 31"	04° 06' 30"	00:18:16
31	SURABAYA	17:22:52	17:40:32	266° 25' 25"	267° 41' 43"	03° 52' 17"	00:17:40
32	TJ PINANG	17:56:45	18:15:31	266° 33' 57"	267° 00' 24"	04° 16' 14"	00:18:46
33	YOGYAKARTA	17:35:09	17:53:01	266° 23' 41"	267° 44' 30"	03° 55' 48"	00:17:51
34	PLB RATU	17:50:48	18:09:02	266° 25' 04"	267° 38' 53"	04° 05' 27"	00:18:13
35	MADINAH	18:06:47	18:32:41	266° 30' 55"	263° 25' 05"	05° 26' 13"	00:25:54
36	MAKKAH	18:07:33	18:33:37	266° 32' 47"	263° 48' 18"	05° 35' 41"	00:26:03



OKTOBER 2016

29 Zulhijjah 1437 H
30 Muharram 1438 H

28 Besar 1949 (Jimawal)
29 Suro 1950 (Za')

AHAD	SENIN	SELASA	RABU	KAMIS	JUMAT	SABTU
الاحد	الاثنين	الثلاثاء	الأربعاء	الخميس	الجمعة	السبت
25 ^{٢٣} 22 Pon	26 ^{٢٤} 23 Wage	27 ^{٢٥} 24 Kliwon	28 ^{٢٦} 25 Legi	29 ^{٢٧} 26 Pahing	30 ^{٢٨} 27 Pon	1 ^{٢٩} 28 Wage
2 ^١ 29 Kliwon	3 ^٢ 1 Legi	4 ^٣ 2 Pahing	5 ^٤ 3 Pon	6 ^٥ 4 Wage	7 ^٦ 5 Kliwon	8 ^٧ 6 Legi
9 ^٨ 7 Pahing	10 ^٩ 8 Pon	11 ^{١٠} 9 Wage	12 ^{١١} 10 Kliwon	13 ^{١٢} 11 Legi	14 ^{١٣} 12 Pahing	15 ^{١٤} 13 Pon
16 ^{١٥} 14 Wage	17 ^{١٦} 15 Kliwon	18 ^{١٧} 16 Legi	19 ^{١٨} 17 Pahing	20 ^{١٩} 18 Pon	21 ^{٢٠} 19 Wage	22 ^{٢١} 20 Kliwon
23 ^{٢٢} 21 Legi	24 ^{٢٣} 22 Pahing	25 ^{٢٤} 23 Pon	26 ^{٢٥} 24 Wage	27 ^{٢٦} 25 Kliwon	28 ^{٢٧} 26 Legi	29 ^{٢٨} 27 Pahing
30 ^{٢٩} 28 Pon	31 ^{٣٠} 29 Wage	1 ^١ 30 Kliwon	2 ^٢ 1 Legi	3 ^٣ 2 Pahing	4 ^٤ 3 Pon	5 ^٥ 4 Wage

2 Oktober 2016 : Tahun Baru Islam 1438 H





POB Cibeas Pel. Ratu Jawa Barat dan Pelaksanaan Rukyatul Hilal

DATA HILAL SAAT MATAHARI TERBENAM
UNTUK KOTA-KOTA DI INDONESIA
29 NOVEMBER 2016

NO	KOTA	TERBENAM MATAHARI	TERBENAM BULAN	AZIMUT MATAHARI	AZIMUT BULAN	TINGGI HILAL	LAMA HILAL
1	AMBON	18:22:09	18:14:01	248° 18' 37"	253° 23' 24"	-01° 42' 28"	00:08:07
2	JAYAPURA	17:25:07	17:17:33	248° 27' 03"	253° 41' 06"	-01° 40' 11"	00:07:34
3	MANOKWARI	17:57:41	17:50:05	248° 24' 28"	253° 33' 24"	-01° 40' 32"	00:07:36
4	MERAUKE	17:45:04	17:33:57	248° 04' 12"	253° 04' 06"	-02° 28' 47"	00:11:06
5	TERNATE	18:20:39	18:14:57	248° 26' 27"	253° 35' 37"	-01° 08' 35"	00:05:41
6	BANJARMASIN	18:16:36	18:10:39	248° 20' 34"	253° 23' 50"	-01° 12' 38"	00:05:56
7	DENPASAR	18:26:15	18:18:02	248° 00' 02"	252° 58' 36"	-01° 41' 54"	00:08:12
8	GORONTALO	17:38:44	17:33:09	248° 26' 09"	253° 33' 26"	-01° 13' 38"	00:05:35
9	KENDARI	17:46:38	17:39:15	248° 17' 56"	253° 21' 47"	-01° 38' 08"	00:07:22
10	KUPANG	17:52:17	17:42:33	247° 54' 14"	252° 51' 16"	-02° 08' 31"	00:09:43
11	MANADO	17:29:09	17:23:38	248° 26' 37"	253° 35' 02"	-01° 12' 05"	00:05:30
12	MATARAM	18:22:15	18:13:56	248° 00' 03"	252° 58' 36"	-01° 43' 46"	00:08:18
13	PALANGKARAYA	18:19:00	18:13:32	248° 22' 30"	253° 26' 02"	-01° 05' 40"	00:05:27
14	PALU	17:53:46	17:47:55	248° 24' 03"	253° 29' 28"	-01° 16' 28"	00:05:51
15	PONTIANAK	18:35:51	18:31:42	248° 24' 59"	253° 27' 47"	00° -46' 58"	00:04:09
16	SAMARINDA	18:03:59	17:58:55	248° 25' 11"	253° 30' 16"	-01° 03' 19"	00:05:04
17	UJ PANDANG	18:03:57	17:56:49	248° 15' 19"	253° 17' 48"	-01° 31' 54"	00:07:07
18	BANDA ACEH	18:22:19	18:22:04	248° 22' 30"	253° 17' 43"	00° 01' 16"	00:00:14
19	BD LAMPUNG	18:00:02	17:54:42	248° 14' 50"	253° 15' 40"	-01° 07' 44"	00:05:20
20	BANDUNG	17:51:25	17:44:54	248° 07' 38"	253° 07' 44"	-01° 25' 09"	00:06:30
21	BENGKULU	18:10:16	18:05:39	248° 17' 47"	253° 18' 30"	00° -55' 00"	00:04:36
22	JAKARTA	17:53:46	17:47:46	248° 11' 25"	253° 12' 00"	-01° 17' 56"	00:05:59
23	JAMBI	17:59:16	17:55:07	248° 22' 04"	253° 23' 25"	00° -51' 22"	00:04:08
24	MEDAN	18:09:35	18:08:09	248° 25' 04"	253° 25' 17"	00° -10' 21"	00:01:26
25	PADANG	18:13:28	18:10:09	248° 23' 37"	253° 24' 02"	00° -36' 08"	00:03:18
26	PALEMBANG	17:56:54	17:52:16	248° 20' 02"	253° 21' 27"	00° -58' 46"	00:04:38
27	PKL PINANG	17:51:24	17:46:58	248° 22' 02"	253° 23' 49"	00° -56' 52"	00:04:26
28	PEKANBARU	18:07:57	18:04:52	248° 24' 45"	253° 25' 17"	00° -33' 53"	00:03:04
29	SEMARANG	17:43:29	17:36:40	248° 07' 32"	253° 07' 44"	-01° 29' 51"	00:06:49
30	SERANG	17:57:42	17:51:51	248° 11' 30"	253° 12' 01"	-01° 15' 09"	00:05:50
31	SURABAYA	17:31:30	17:24:15	248° 07' 34"	253° 07' 54"	-01° 35' 37"	00:07:15
32	TJ PINANG	17:54:36	17:51:29	248° 25' 36"	253° 26' 52"	00° -37' 45"	00:03:07
33	YOGYAKARTA	17:45:06	17:37:55	248° 03' 21"	253° 02' 49"	-01° 34' 36"	00:07:10
34	PLB RATU	17:59:16	17:53:05	248° 07' 51"	253° 07' 51"	-01° 19' 37"	00:06:11
35	MADINAH	17:32:09	17:44:58	246° 39' 33"	250° 10' 52"	02° 22' 10"	00:12:48
36	MAKKAH	17:37:42	17:49:22	247° 08' 18"	250° 50' 28"	02° 12' 27"	00:11:40

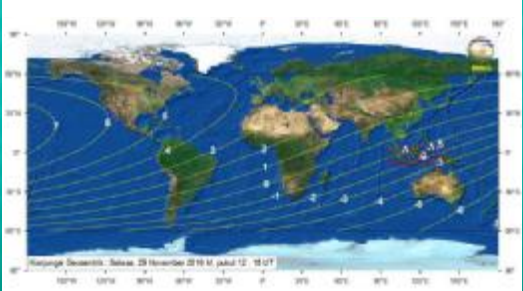
NOVEMBER 2016

1 Safar 1438 H
30 Safar 1438 H

30 Suro 1950 (Za')
29 Sapar 1950 (Za')

AHAD	SENIN	SELASA	RABU	KAMIS	JUMAT	SABTU
الاحد	الاثنين	الثلاثاء	الأربعاء	الخميس	الجمعة	السبت
30 ^{٢٩} 28 Pon	31 ^{٣٠} 29 Wage	1 ^١ 30 Kliwon	2 ^٢ 1 Legi	3 ^٣ 2 Pahing	4 ^٤ 3 Pon	5 ^٥ 4 Wage
6 ^٦ 5 Kliwon	7 ^٧ 6 Legi	8 ^٨ 7 Pahing	9 ^٩ 8 Pon	10 ^{١٠} 9 Wage	11 ^{١١} 10 Kliwon	12 ^{١٢} 11 Legi
13 ^{١٣} 12 Pahing	14 ^{١٤} 13 Pon	15 ^{١٥} 14 Wage	16 ^{١٦} 15 Kliwon	17 ^{١٧} 16 Legi	18 ^{١٨} 17 Pahing	19 ^{١٩} 18 Pon
20 ^{٢٠} 19 Wage	21 ^{٢١} 20 Kliwon	22 ^{٢٢} 21 Legi	23 ^{٢٣} 22 Pahing	24 ^{٢٤} 23 Pon	25 ^{٢٥} 24 Wage	26 ^{٢٦} 25 Kliwon
27 ^{٢٧} 26 Legi	28 ^{٢٨} 27 Pahing	29 ^{٢٩} 28 Pon	30 ^{٣٠} 29 Wage	1 ^١ 1 Kliwon	2 ^٢ 2 Legi	3 ^٣ 3 Pahing
4 ^٤ 4 Pon	5 ^٥ 5 Wage	6 ^٦ 6 Kliwon	7 ^٧ 7 Legi	8 ^٨ 8 Pahing	9 ^٩ 9 Pon	10 ^{١٠} 10 Wage

DATA HILAL DAN MATAHARI PADA SAAT MATAHARI TERBENAM
PENENTU AWAL BULAN RABI'UL AWAL 1438 H
SELASA, 29 NOVEMBER 2016 M





Gedung Observatorium Hilal Tgk. Chiek Kuta Karang - Provinsi Aceh

DATA HILAL SAAT MATAHARI TERBENAM
UNTUK KOTA-KOTA DI INDONESIA
29 DESEMBER 2016

NO	KOTA	TERBENAM MATAHARI	TERBENAM BULAN	AZIMUT MATAHARI	AZIMUT BULAN	TINGGI HILAL	LAMA HILAL
1	AMBON	18:36:32	18:35:14	246° 41' 26"	251° 00' 37"	00° -08' 28"	00:01:18
2	JAYAPURA	17:38:42	17:37:30	246° 49' 38"	251° 03' 23"	00° -13' 04"	00:01:11
3	MANOKWARI	18:11:24	18:10:19	246° 47' 27"	251° 03' 36"	00° -06' 02"	00:01:04
4	MERAUKE	17:59:44	17:55:45	246° 26' 16"	250° 44' 51"	00° -48' 31"	00:03:58
5	TERNATE	18:34:13	18:34:58	246° 49' 34"	251° 02' 38"	00° 10' 29"	00:00:45
6	BANJARMASIN	18:30:48	18:31:43	246° 44' 05"	251° 04' 15"	00° 12' 21"	00:00:54
7	DENPASAR	18:41:20	18:40:22	246° 22' 07"	250° 49' 25"	00° -03' 59"	00:00:57
8	GORONTALO	17:52:19	17:53:17	246° 49' 27"	251° 03' 45"	00° 09' 05"	00:00:57
9	KENDARI	18:00:45	18:00:16	246° 41' 16"	251° 01' 28"	00° 00' -08"	00:00:29
10	KUPANG	18:07:10	18:04:42	246° 16' 33"	250° 41' 24"	00° -25' 35"	00:02:28
11	MANADO	17:42:42	17:43:41	246° 49' 47"	251° 02' 49"	00° 08' 14"	00:00:59
12	MATARAM	18:37:18	18:36:12	246° 22' 11"	250° 49' 08"	00° -05' 26"	00:01:05
13	PALANGKARAYA	18:33:06	18:34:26	246° 46' 07"	251° 04' 58"	00° 17' 12"	00:01:20
14	PALU	18:07:28	18:08:17	246° 47' 35"	251° 04' 35"	00° 10' 09"	00:00:48
15	PONTIANAK	18:49:48	18:52:26	246° 48' 51"	251° 04' 47"	00° 30' 26"	00:02:38
16	SAMARINDA	18:17:40	18:19:11	246° 48' 46"	251° 04' 29"	00° 19' 17"	00:01:31
17	UJ PANDANG	18:18:16	18:18:01	246° 38' 37"	251° 00' 36"	00° 00' -30"	00:00:14
18	BANDA ACEH	18:35:24	18:41:43	246° 46' 18"	250° 47' 53"	01° 15' 39"	00:06:19
19	BD LAMPUNG	18:14:19	18:15:57	246° 38' 44"	251° 03' 34"	00° 20' 25"	00:01:38
20	BANDUNG	18:05:54	18:06:31	246° 31' 14"	250° 58' 20"	00° 07' 40"	00:00:36
21	BENGKULU	18:24:32	18:26:55	246° 41' 45"	251° 05' 27"	00° 29' 12"	00:02:22
22	JAKARTA	18:08:07	18:09:11	246° 35' 12"	251° 01' 08"	00° 13' 03"	00:01:03
23	JAMBI	18:13:09	18:15:50	246° 46' 11"	251° 06' 02"	00° 32' 30"	00:02:40
24	MEDAN	18:22:48	18:27:58	246° 48' 56"	250° 56' 07"	01° 02' 23"	00:05:09
25	PADANG	18:27:23	18:30:56	246° 47' 50"	251° 06' 03"	00° 43' 08"	00:03:33
26	PALEMBANG	18:10:53	18:13:08	246° 44' 08"	251° 05' 38"	00° 27' 06"	00:02:14
27	PKL PINANG	18:05:15	18:07:38	246° 46' 07"	251° 05' 46"	00° 28' 07"	00:02:23
28	PEKANBARU	18:21:40	18:25:22	246° 48' 56"	251° 05' 04"	00° 45' 01"	00:03:42
29	SEMARANG	17:58:03	17:58:23	246° 30' 55"	250° 57' 30"	00° 03' 00"	00:00:20
30	SERANG	18:12:04	18:13:16	246° 35' 17"	251° 01' 27"	00° 15' 07"	00:01:12
31	SURABAYA	17:46:13	17:46:08	246° 30' 33"	250° 56' 21"	00° -03' 15"	00:00:04
32	TJ PINANG	18:08:03	18:11:36	246° 49' 36"	251° 03' 41"	00° 42' 20"	00:03:32
33	YOGYAKARTA	17:59:46	17:59:48	246° 26' 35"	250° 54' 26"	00° 00' 00"	00:00:01
34	PLB RATU	18:13:48	18:14:42	246° 31' 26"	250° 59' 04"	00° 11' 47"	00:00:53
35	MADINAH	17:42:41	18:01:44	244° 55' 12"	247° 17' 16"	03° 33' 18"	00:19:03
36	MAKKAH	17:48:39	18:06:41	245° 26' 24"	248° 04' 11"	03° 27' 57"	00:18:02

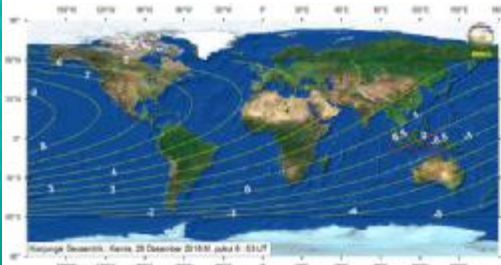
DESEMBER 2016

1 Rabi'ul Awal 1438 H
1 Rabi'ul Akhir 1438 H
1 Mulud 1950 (Za)
1 Bakdo Mulud 1950 (Za)

AHAD	SENIN	SELASA	RABU	KAMIS	JUMAT	SABTU
الاحد	الاثنين	الثلاثاء	الاربعاء	الخميس	الجمعة	السبت
27 ^{٢٧} 26 Legi	28 ^{٢٨} 27 Pahing	29 ^{٢٩} 28 Pon	30 ^{٣٠} 29 Wage	1 ^١ 1 Kliwon	2 ^٢ 2 Legi	3 ^٣ 3 Pahing
4 ^٤ 4 Pon	5 ^٥ 5 Wage	6 ^٦ 6 Kliwon	7 ^٧ 7 Legi	8 ^٨ 8 Pahing	9 ^٩ 9 Pon	10 ^{١٠} 10 Wage
11 ^{١١} 11 Kliwon	12 ^{١٢} 12 Legi	13 ^{١٣} 13 Pahing	14 ^{١٤} 14 Pon	15 ^{١٥} 15 Wage	16 ^{١٦} 16 Kliwon	17 ^{١٧} 17 Legi
18 ^{١٨} 18 Pahing	19 ^{١٩} 19 Pon	20 ^{٢٠} 20 Wage	21 ^{٢١} 21 Kliwon	22 ^{٢٢} 22 Legi	23 ^{٢٣} 23 Pahing	24 ^{٢٤} 24 Pon
25 ^{٢٥} 25 Wage	26 ^{٢٦} 26 Kliwon	27 ^{٢٧} 27 Legi	28 ^{٢٨} 28 Pahing	29 ^{٢٩} 29 Pon	30 ^{٣٠} 30 Wage	31 ^١ 1 Kliwon
1 ^٢ 2 Legi	2 ^٣ 3 Pahing	3 ^٤ 4 Pon	4 ^٥ 5 Wage	5 ^٦ 6 Kliwon	6 ^٧ 7 Legi	7 ^٨ 8 Pahing

12 Desember 2016 : Maulid Nabi Muhammad SAW
25 Desember 2016 : Hari Raya Natal

DATA HILAL DAN MATAHARI PADA SAAT MATAHARI TERBENAM
PENENTU AWAL BULAN RABI'UL AKHIR 1438 H
KAMIS, 29 NOVEMBER 2016 M



DIREKTORAT URUSAN AGAMA ISLAM DAN PEMBINAAN SYARIAH
DIREKTORAT JENDERAL BIMBINGAN MASYARAKAT ISLAM
KEMENTERIAN AGAMA RI
www.bimasislam.kemenag.go.id • email: bimasislam@kemenag.go.id