



DATA RUKYAH MATAHARI DAN BULAN  
Menara UMSKAL, W.P. Labuan  
[ 5°16'43" U, 115°10'25" T, 40 m ]  
Terbias  
Delta T 75.4 saat

| Bulan Terbenam : 19:38:00 |       |               | 15/07/2026    | Matahari Terbenam : 18:38:00 |              |                |
|---------------------------|-------|---------------|---------------|------------------------------|--------------|----------------|
| Umur Hilal : 25j 54m      |       |               |               | Ijtimak : 17:43 (2026-7-14)  |              |                |
| Tarikh                    | Waktu | Altitud Bulan | Azimuth Bulan | Altitud MH                   | Azimuth MH   | Jarak Lengkung |
| 15/07/2026                | 17:38 | 26° 04' 41"   | 290° 24' 36"  | 12° 59' 23"                  | 290° 52' 13" | 13° 07' 56"    |
| 15/07/2026                | 17:39 | 25° 51' 10"   | 290° 23' 10"  | 12° 45' 30"                  | 290° 52' 23" | 13° 08' 24"    |
| 15/07/2026                | 17:40 | 25° 37' 38"   | 290° 21' 45"  | 12° 31' 37"                  | 290° 52' 34" | 13° 08' 51"    |
| 15/07/2026                | 17:41 | 25° 24' 06"   | 290° 20' 23"  | 12° 17' 45"                  | 290° 52' 46" | 13° 09' 19"    |
| 15/07/2026                | 17:42 | 25° 10' 35"   | 290° 19' 01"  | 12° 03' 53"                  | 290° 53' 00" | 13° 09' 47"    |
| 15/07/2026                | 17:43 | 24° 57' 03"   | 290° 17' 42"  | 11° 50' 00"                  | 290° 53' 15" | 13° 10' 15"    |
| 15/07/2026                | 17:44 | 24° 43' 31"   | 290° 16' 24"  | 11° 36' 09"                  | 290° 53' 32" | 13° 10' 43"    |
| 15/07/2026                | 17:45 | 24° 29' 59"   | 290° 15' 08"  | 11° 22' 17"                  | 290° 53' 50" | 13° 11' 11"    |
| 15/07/2026                | 17:46 | 24° 16' 27"   | 290° 13' 53"  | 11° 08' 25"                  | 290° 54' 09" | 13° 11' 39"    |
| 15/07/2026                | 17:47 | 24° 02' 55"   | 290° 12' 40"  | 10° 54' 34"                  | 290° 54' 30" | 13° 12' 07"    |
| 15/07/2026                | 17:48 | 23° 49' 23"   | 290° 11' 28"  | 10° 40' 43"                  | 290° 54' 52" | 13° 12' 35"    |
| 15/07/2026                | 17:49 | 23° 35' 51"   | 290° 10' 18"  | 10° 26' 52"                  | 290° 55' 15" | 13° 13' 04"    |
| 15/07/2026                | 17:50 | 23° 22' 18"   | 290° 09' 10"  | 10° 13' 02"                  | 290° 55' 39" | 13° 13' 32"    |
| 15/07/2026                | 17:51 | 23° 08' 46"   | 290° 08' 03"  | 09° 59' 12"                  | 290° 56' 05" | 13° 14' 01"    |
| 15/07/2026                | 17:52 | 22° 55' 14"   | 290° 06' 57"  | 09° 45' 22"                  | 290° 56' 32" | 13° 14' 29"    |
| 15/07/2026                | 17:53 | 22° 41' 41"   | 290° 05' 53"  | 09° 31' 33"                  | 290° 57' 01" | 13° 14' 58"    |
| 15/07/2026                | 17:54 | 22° 28' 09"   | 290° 04' 51"  | 09° 17' 44"                  | 290° 57' 31" | 13° 15' 26"    |
| 15/07/2026                | 17:55 | 22° 14' 37"   | 290° 03' 50"  | 09° 03' 55"                  | 290° 58' 02" | 13° 15' 55"    |
| 15/07/2026                | 17:56 | 22° 01' 04"   | 290° 02' 51"  | 08° 50' 07"                  | 290° 58' 34" | 13° 16' 24"    |
| 15/07/2026                | 17:57 | 21° 47' 32"   | 290° 01' 53"  | 08° 36' 19"                  | 290° 59' 08" | 13° 16' 53"    |
| 15/07/2026                | 17:58 | 21° 33' 59"   | 290° 00' 56"  | 08° 22' 31"                  | 290° 59' 43" | 13° 17' 21"    |
| 15/07/2026                | 17:59 | 21° 20' 27"   | 290° 00' 01"  | 08° 08' 44"                  | 291° 00' 20" | 13° 17' 50"    |
| 15/07/2026                | 18:00 | 21° 06' 54"   | 289° 59' 08"  | 07° 54' 58"                  | 291° 00' 57" | 13° 18' 19"    |
| 15/07/2026                | 18:01 | 20° 53' 22"   | 289° 58' 16"  | 07° 41' 12"                  | 291° 01' 36" | 13° 18' 48"    |
| 15/07/2026                | 18:02 | 20° 39' 49"   | 289° 57' 25"  | 07° 27' 27"                  | 291° 02' 17" | 13° 19' 18"    |
| 15/07/2026                | 18:03 | 20° 26' 17"   | 289° 56' 36"  | 07° 13' 42"                  | 291° 02' 58" | 13° 19' 47"    |
| 15/07/2026                | 18:04 | 20° 12' 44"   | 289° 55' 48"  | 06° 59' 58"                  | 291° 03' 41" | 13° 20' 16"    |
| 15/07/2026                | 18:05 | 19° 59' 12"   | 289° 55' 02"  | 06° 46' 15"                  | 291° 04' 25" | 13° 20' 45"    |
| 15/07/2026                | 18:06 | 19° 45' 39"   | 289° 54' 17"  | 06° 32' 33"                  | 291° 05' 11" | 13° 21' 15"    |
| 15/07/2026                | 18:07 | 19° 32' 07"   | 289° 53' 33"  | 06° 18' 51"                  | 291° 05' 58" | 13° 21' 44"    |
| 15/07/2026                | 18:08 | 19° 18' 34"   | 289° 52' 51"  | 06° 05' 11"                  | 291° 06' 46" | 13° 22' 14"    |

Sumber : Perisian AIMS JUPEM



**JABATAN UKUR DAN PEMETAAN MALAYSIA (JUPEM)**  
Bahagian Ukur Geodetik



**DATA RUKYAH MATAHARI DAN BULAN**  
**Menara UMSKAL, W.P. Labuan**  
**[ 5°16'43" U, 115°10'25" T, 40 m ]**  
**Terbias**  
**Delta T 75.4 saat**

| Bulan Terbenam : 19:38:00 |       |               | 15/07/2026    | Matahari Terbenam : 18:38:00 |              |                |
|---------------------------|-------|---------------|---------------|------------------------------|--------------|----------------|
| Umur Hilal : 25j 54m      |       |               |               | Ijtimak : 17:43 (2026-7-14)  |              |                |
| Tarikh                    | Waktu | Altitud Bulan | Azimuth Bulan | Altitud MH                   | Azimuth MH   | Jarak Lengkung |
| 15/07/2026                | 18:09 | 19° 05' 02"   | 289° 52' 10"  | 05° 51' 31"                  | 291° 07' 35" | 13° 22' 43"    |
| 15/07/2026                | 18:10 | 18° 51' 29"   | 289° 51' 31"  | 05° 37' 52"                  | 291° 08' 26" | 13° 23' 13"    |
| 15/07/2026                | 18:11 | 18° 37' 57"   | 289° 50' 53"  | 05° 24' 15"                  | 291° 09' 18" | 13° 23' 43"    |
| 15/07/2026                | 18:12 | 18° 24' 25"   | 289° 50' 16"  | 05° 10' 39"                  | 291° 10' 11" | 13° 24' 13"    |
| 15/07/2026                | 18:13 | 18° 10' 52"   | 289° 49' 41"  | 04° 57' 04"                  | 291° 11' 06" | 13° 24' 42"    |
| 15/07/2026                | 18:14 | 17° 57' 20"   | 289° 49' 07"  | 04° 43' 31"                  | 291° 12' 02" | 13° 25' 12"    |
| 15/07/2026                | 18:15 | 17° 43' 48"   | 289° 48' 34"  | 04° 29' 59"                  | 291° 12' 59" | 13° 25' 42"    |
| 15/07/2026                | 18:16 | 17° 30' 15"   | 289° 48' 03"  | 04° 16' 29"                  | 291° 13' 58" | 13° 26' 12"    |
| 15/07/2026                | 18:17 | 17° 16' 43"   | 289° 47' 33"  | 04° 03' 01"                  | 291° 14' 58" | 13° 26' 43"    |
| 15/07/2026                | 18:18 | 17° 03' 11"   | 289° 47' 04"  | 03° 49' 36"                  | 291° 15' 59" | 13° 27' 13"    |
| 15/07/2026                | 18:19 | 16° 49' 39"   | 289° 46' 37"  | 03° 36' 12"                  | 291° 17' 01" | 13° 27' 43"    |
| 15/07/2026                | 18:20 | 16° 36' 07"   | 289° 46' 11"  | 03° 22' 52"                  | 291° 18' 05" | 13° 28' 13"    |
| 15/07/2026                | 18:21 | 16° 22' 35"   | 289° 45' 46"  | 03° 09' 34"                  | 291° 19' 10" | 13° 28' 44"    |
| 15/07/2026                | 18:22 | 16° 09' 03"   | 289° 45' 23"  | 02° 56' 20"                  | 291° 20' 16" | 13° 29' 14"    |
| 15/07/2026                | 18:23 | 15° 55' 31"   | 289° 45' 01"  | 02° 43' 09"                  | 291° 21' 24" | 13° 29' 45"    |
| 15/07/2026                | 18:24 | 15° 42' 00"   | 289° 44' 40"  | 02° 30' 02"                  | 291° 22' 33" | 13° 30' 15"    |
| 15/07/2026                | 18:25 | 15° 28' 28"   | 289° 44' 20"  | 02° 16' 59"                  | 291° 23' 43" | 13° 30' 46"    |
| 15/07/2026                | 18:26 | 15° 14' 56"   | 289° 44' 02"  | 02° 04' 02"                  | 291° 24' 55" | 13° 31' 17"    |
| 15/07/2026                | 18:27 | 15° 01' 25"   | 289° 43' 45"  | 01° 51' 10"                  | 291° 26' 08" | 13° 31' 47"    |
| 15/07/2026                | 18:28 | 14° 47' 54"   | 289° 43' 29"  | 01° 38' 25"                  | 291° 27' 22" | 13° 32' 18"    |
| 15/07/2026                | 18:29 | 14° 34' 22"   | 289° 43' 15"  | 01° 25' 46"                  | 291° 28' 38" | 13° 32' 49"    |
| 15/07/2026                | 18:30 | 14° 20' 51"   | 289° 43' 01"  | 01° 13' 15"                  | 291° 29' 55" | 13° 33' 20"    |
| 15/07/2026                | 18:31 | 14° 07' 20"   | 289° 42' 49"  | 01° 00' 53"                  | 291° 31' 13" | 13° 33' 51"    |
| 15/07/2026                | 18:32 | 13° 53' 49"   | 289° 42' 39"  | 00° 48' 40"                  | 291° 32' 33" | 13° 34' 22"    |
| 15/07/2026                | 18:33 | 13° 40' 19"   | 289° 42' 29"  | 00° 36' 36"                  | 291° 33' 53" | 13° 34' 53"    |
| 15/07/2026                | 18:34 | 13° 26' 48"   | 289° 42' 21"  | 00° 24' 43"                  | 291° 35' 16" | 13° 35' 25"    |
| 15/07/2026                | 18:35 | 13° 13' 18"   | 289° 42' 14"  | 00° 12' 58"                  | 291° 36' 39" | 13° 35' 56"    |
| 15/07/2026                | 18:36 | 12° 59' 47"   | 289° 42' 08"  | 00° 01' 22"                  | 291° 38' 04" | 13° 36' 27"    |
| 15/07/2026                | 18:37 | 12° 46' 17"   | 289° 42' 04"  | -00° 10' 09"                 | 291° 39' 30" | 13° 36' 59"    |
| 15/07/2026                | 18:38 | 12° 32' 47"   | 289° 42' 00"  | -00° 21' 40"                 | 291° 40' 58" | 13° 37' 30"    |
| 15/07/2026                | 18:39 | 12° 19' 17"   | 289° 41' 58"  | -00° 33' 19"                 | 291° 42' 27" | 13° 38' 02"    |

Sumber : Perisian AIMS JUPEM



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| Bulan Terbenam : 19:38:00 |       |               | 15/07/2026    | Matahari Terbenam : 18:38:00 |              |                |
|---------------------------|-------|---------------|---------------|------------------------------|--------------|----------------|
| Umur Hilal : 25j 54m      |       |               |               | Ijtimak : 17:43 (2026-7-14)  |              |                |
| Tarikh                    | Waktu | Altitud Bulan | Azimuth Bulan | Altitud MH                   | Azimuth MH   | Jarak Lengkung |
| 15/07/2026                | 18:40 | 12° 05' 48"   | 289° 41' 57"  | -00° 45' 19"                 | 291° 43' 57" | 13° 38' 34"    |
| 15/07/2026                | 18:41 | 11° 52' 18"   | 289° 41' 58"  | -00° 57' 55"                 | 291° 45' 29" | 13° 39' 05"    |
| 15/07/2026                | 18:42 | 11° 38' 49"   | 289° 41' 59"  | -01° 11' 24"                 | 291° 47' 02" | 13° 39' 37"    |
| 15/07/2026                | 18:43 | 11° 25' 20"   | 289° 42' 02"  | -01° 26' 04"                 | 291° 48' 36" | 13° 40' 09"    |
| 15/07/2026                | 18:44 | 11° 11' 51"   | 289° 42' 06"  | -01° 42' 01"                 | 291° 50' 11" | 13° 40' 41"    |
| 15/07/2026                | 18:45 | 10° 58' 23"   | 289° 42' 11"  | -01° 59' 14"                 | 291° 51' 49" | 13° 41' 13"    |
| 15/07/2026                | 18:46 | 10° 44' 54"   | 289° 42' 17"  | -02° 17' 27"                 | 291° 53' 27" | 13° 41' 45"    |
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| 15/07/2026                | 18:49 | 10° 04' 31"   | 289° 42' 44"  | -03° 13' 58"                 | 291° 58' 30" | 13° 43' 21"    |
| 15/07/2026                | 18:50 | 09° 51' 04"   | 289° 42' 55"  | -03° 32' 14"                 | 292° 00' 14" | 13° 43' 54"    |
| 15/07/2026                | 18:51 | 09° 37' 37"   | 289° 43' 07"  | -03° 49' 55"                 | 292° 02' 00" | 13° 44' 26"    |
| 15/07/2026                | 18:52 | 09° 24' 11"   | 289° 43' 21"  | -04° 07' 00"                 | 292° 03' 46" | 13° 44' 58"    |
| 15/07/2026                | 18:53 | 09° 10' 45"   | 289° 43' 35"  | -04° 23' 32"                 | 292° 05' 34" | 13° 45' 31"    |
| 15/07/2026                | 18:54 | 08° 57' 19"   | 289° 43' 51"  | -04° 39' 35"                 | 292° 07' 24" | 13° 46' 03"    |
| 15/07/2026                | 18:55 | 08° 43' 54"   | 289° 44' 08"  | -04° 55' 23"                 | 292° 09' 15" | 13° 46' 36"    |
| 15/07/2026                | 18:56 | 08° 30' 29"   | 289° 44' 26"  | -05° 16' 01"                 | 292° 11' 07" | 13° 47' 09"    |
| 15/07/2026                | 18:57 | 08° 17' 04"   | 289° 44' 46"  | -05° 24' 56"                 | 292° 13' 01" | 13° 47' 42"    |
| 15/07/2026                | 18:58 | 08° 03' 40"   | 289° 45' 06"  | -05° 39' 44"                 | 292° 14' 56" | 13° 48' 14"    |
| 15/07/2026                | 18:59 | 07° 50' 17"   | 289° 45' 28"  | -05° 54' 17"                 | 292° 16' 52" | 13° 48' 47"    |
| 15/07/2026                | 19:00 | 07° 36' 54"   | 289° 45' 51"  | -06° 08' 40"                 | 292° 18' 50" | 13° 49' 20"    |
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| 15/07/2026                | 19:02 | 07° 10' 10"   | 289° 46' 40"  | -06° 37' 03"                 | 292° 22' 50" | 13° 50' 26"    |
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| 15/07/2026                | 19:07 | 06° 03' 33"   | 289° 49' 03"  | -07° 46' 50"                 | 292° 33' 16" | 13° 53' 13"    |
| 15/07/2026                | 19:08 | 05° 50' 16"   | 289° 49' 35"  | -08° 00' 40"                 | 292° 35' 26" | 13° 53' 46"    |
| 15/07/2026                | 19:09 | 05° 37' 00"   | 289° 50' 09"  | -08° 14' 28"                 | 292° 37' 37" | 13° 54' 20"    |
| 15/07/2026                | 19:10 | 05° 23' 46"   | 289° 50' 43"  | -08° 28' 15"                 | 292° 39' 50" | 13° 54' 53"    |

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| 15/07/2026                | 19:12 | 04° 57' 20"   | 289° 51' 56"  | -08° 55' 47"                 | 292° 44' 19" | 13° 56' 01"    |
| 15/07/2026                | 19:13 | 04° 44' 09"   | 289° 52' 33"  | -09° 09' 31"                 | 292° 46' 36" | 13° 56' 35"    |
| 15/07/2026                | 19:14 | 04° 31' 00"   | 289° 53' 13"  | -09° 23' 15"                 | 292° 48' 55" | 13° 57' 09"    |
| 15/07/2026                | 19:15 | 04° 17' 52"   | 289° 53' 53"  | -09° 36' 59"                 | 292° 51' 15" | 13° 57' 43"    |
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| 15/07/2026                | 19:17 | 03° 51' 43"   | 289° 55' 17"  | -10° 04' 24"                 | 292° 56' 00" | 13° 58' 51"    |
| 15/07/2026                | 19:18 | 03° 38' 42"   | 289° 56' 00"  | -10° 18' 06"                 | 292° 58' 24" | 13° 59' 25"    |
| 15/07/2026                | 19:19 | 03° 25' 43"   | 289° 56' 45"  | -10° 31' 48"                 | 293° 00' 51" | 13° 59' 59"    |
| 15/07/2026                | 19:20 | 03° 12' 46"   | 289° 57' 31"  | -10° 45' 29"                 | 293° 03' 18" | 14° 00' 33"    |
| 15/07/2026                | 19:21 | 02° 59' 53"   | 289° 58' 18"  | -10° 59' 10"                 | 293° 05' 48" | 14° 01' 08"    |
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| 15/07/2026                | 19:23 | 02° 34' 17"   | 289° 59' 56"  | -11° 26' 31"                 | 293° 10' 51" | 14° 02' 17"    |
| 15/07/2026                | 19:24 | 02° 21' 35"   | 290° 00' 47"  | -11° 40' 11"                 | 293° 13' 25" | 14° 02' 51"    |
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| 15/07/2026                | 19:26 | 01° 56' 25"   | 290° 02' 31"  | -12° 07' 31"                 | 293° 18' 38" | 14° 04' 00"    |
| 15/07/2026                | 19:27 | 01° 43' 58"   | 290° 03' 25"  | -12° 21' 10"                 | 293° 21' 17" | 14° 04' 35"    |
| 15/07/2026                | 19:28 | 01° 31' 37"   | 290° 04' 20"  | -12° 34' 49"                 | 293° 23' 58" | 14° 05' 10"    |
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| 15/07/2026                | 19:31 | 00° 55' 20"   | 290° 07' 13"  | -13° 15' 45"                 | 293° 32' 09" | 14° 06' 55"    |
| 15/07/2026                | 19:32 | 00° 43' 31"   | 290° 08' 13"  | -13° 29' 24"                 | 293° 34' 56" | 14° 07' 30"    |
| 15/07/2026                | 19:33 | 00° 31' 52"   | 290° 09' 14"  | -13° 43' 02"                 | 293° 37' 45" | 14° 08' 05"    |
| 15/07/2026                | 19:34 | 00° 20' 22"   | 290° 10' 16"  | -13° 56' 39"                 | 293° 40' 36" | 14° 08' 40"    |
| 15/07/2026                | 19:35 | 00° 09' 00"   | 290° 11' 19"  | -14° 10' 17"                 | 293° 43' 28" | 14° 09' 15"    |
| 15/07/2026                | 19:36 | -00° 02' 15"  | 290° 12' 24"  | -14° 23' 54"                 | 293° 46' 22" | 14° 09' 51"    |
| 15/07/2026                | 19:37 | -00° 13' 26"  | 290° 13' 30"  | -14° 37' 31"                 | 293° 49' 17" | 14° 10' 26"    |
| 15/07/2026                | 19:38 | -00° 24' 39"  | 290° 14' 36"  | -14° 51' 08"                 | 293° 52' 15" | 14° 11' 02"    |

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