



DATA RUKYAH MATAHARI DAN BULAN
Menara UMS, WP Labuan
[05°16'43" U, 115°10'25" T]

| Bulan Terbenam : 18:39:00 | | 03/09/2024 | | Matahari Terbenam : 18:25:00 | |
|---------------------------|---------------|---------------------------------|-------------|------------------------------|----------------|
| Umur Hilal : 8j 43m | | Ijtimak : 09:55:00 (2024-09-03) | | | |
| Waktu | Altitud Bulan | Azimuth Bulan | Altitud MH | Azimuth MH | Jarak Lengkung |
| 17:25 | 17° 01' 47" | 276° 30' 25" | 13° 58' 07" | 276° 14' 03" | 02° 51' 31" |
| 17:26 | 16° 47' 19" | 276° 31' 00" | 13° 43' 20" | 276° 15' 01" | 02° 51' 48" |
| 17:27 | 16° 32' 50" | 276° 31' 35" | 13° 28' 33" | 276° 15' 59" | 02° 52' 05" |
| 17:28 | 16° 18' 22" | 276° 32' 10" | 13° 13' 47" | 276° 16' 58" | 02° 52' 23" |
| 17:29 | 16° 03' 55" | 276° 32' 46" | 12° 59' 00" | 276° 17' 57" | 02° 52' 40" |
| 17:30 | 15° 49' 27" | 276° 33' 22" | 12° 44' 14" | 276° 18' 57" | 02° 52' 58" |
| 17:31 | 15° 34' 59" | 276° 33' 58" | 12° 29' 28" | 276° 19' 57" | 02° 53' 15" |
| 17:32 | 15° 20' 32" | 276° 34' 35" | 12° 14' 42" | 276° 20' 57" | 02° 53' 33" |
| 17:33 | 15° 06' 05" | 276° 35' 13" | 11° 59' 57" | 276° 21' 58" | 02° 53' 51" |
| 17:34 | 14° 51' 38" | 276° 35' 51" | 11° 45' 11" | 276° 22' 59" | 02° 54' 09" |
| 17:35 | 14° 37' 11" | 276° 36' 29" | 11° 30' 26" | 276° 24' 00" | 02° 54' 27" |
| 17:36 | 14° 22' 44" | 276° 37' 08" | 11° 15' 41" | 276° 25' 02" | 02° 54' 45" |
| 17:37 | 14° 08' 18" | 276° 37' 47" | 11° 00' 57" | 276° 26' 04" | 02° 55' 03" |
| 17:38 | 13° 53' 51" | 276° 38' 26" | 10° 46' 12" | 276° 27' 07" | 02° 55' 22" |
| 17:39 | 13° 39' 25" | 276° 39' 06" | 10° 31' 28" | 276° 28' 10" | 02° 55' 40" |
| 17:40 | 13° 24' 59" | 276° 39' 47" | 10° 16' 44" | 276° 29' 14" | 02° 55' 59" |
| 17:41 | 13° 10' 33" | 276° 40' 28" | 10° 02' 01" | 276° 30' 17" | 02° 56' 17" |
| 17:42 | 12° 56' 08" | 276° 41' 09" | 09° 47' 18" | 276° 31' 22" | 02° 56' 36" |
| 17:43 | 12° 41' 43" | 276° 41' 50" | 09° 32' 35" | 276° 32' 26" | 02° 56' 55" |
| 17:44 | 12° 27' 18" | 276° 42' 33" | 09° 17' 53" | 276° 33' 31" | 02° 57' 14" |
| 17:45 | 12° 12' 53" | 276° 43' 15" | 09° 03' 11" | 276° 34' 37" | 02° 57' 32" |
| 17:46 | 11° 58' 28" | 276° 43' 58" | 08° 48' 29" | 276° 35' 43" | 02° 57' 51" |
| 17:47 | 11° 44' 04" | 276° 44' 41" | 08° 33' 48" | 276° 36' 49" | 02° 58' 11" |
| 17:48 | 11° 29' 40" | 276° 45' 25" | 08° 19' 08" | 276° 37' 56" | 02° 58' 30" |
| 17:49 | 11° 15' 16" | 276° 46' 10" | 08° 04' 28" | 276° 39' 03" | 02° 58' 49" |
| 17:50 | 11° 00' 53" | 276° 46' 54" | 07° 49' 48" | 276° 40' 11" | 02° 59' 08" |
| 17:51 | 10° 46' 29" | 276° 47' 39" | 07° 35' 10" | 276° 41' 19" | 02° 59' 28" |
| 17:52 | 10° 32' 07" | 276° 48' 25" | 07° 20' 31" | 276° 42' 27" | 02° 59' 47" |
| 17:53 | 10° 17' 44" | 276° 49' 11" | 07° 05' 54" | 276° 43' 36" | 03° 00' 07" |
| 17:54 | 10° 03' 22" | 276° 49' 57" | 06° 51' 17" | 276° 44' 45" | 03° 00' 27" |

Sumber : Perisian AIMS



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|---------------------------|---------------|---------------------------------|--------------|------------------------------|----------------|
| Umur Hilal : 8j 43m | | Ijtimak : 09:55:00 (2024-09-03) | | | |
| Waktu | Altitud Bulan | Azimuth Bulan | Altitud MH | Azimuth MH | Jarak Lengkung |
| 17:55 | 09° 49' 00" | 276° 50' 44" | 06° 36' 42" | 276° 45' 55" | 03° 00' 46" |
| 17:56 | 09° 34' 39" | 276° 51' 31" | 06° 22' 07" | 276° 47' 05" | 03° 01' 06" |
| 17:57 | 09° 20' 18" | 276° 52' 19" | 06° 07' 33" | 276° 48' 16" | 03° 01' 26" |
| 17:58 | 09° 05' 57" | 276° 53' 07" | 05° 53' 00" | 276° 49' 27" | 03° 01' 46" |
| 17:59 | 08° 51' 37" | 276° 53' 55" | 05° 38' 28" | 276° 50' 38" | 03° 02' 06" |
| 18:00 | 08° 37' 18" | 276° 54' 44" | 05° 23' 57" | 276° 51' 50" | 03° 02' 27" |
| 18:01 | 08° 22' 58" | 276° 55' 34" | 05° 09' 28" | 276° 53' 02" | 03° 02' 47" |
| 18:02 | 08° 08' 40" | 276° 56' 23" | 04° 55' 01" | 276° 54' 15" | 03° 03' 07" |
| 18:03 | 07° 54' 22" | 276° 57' 14" | 04° 40' 35" | 276° 55' 28" | 03° 03' 28" |
| 18:04 | 07° 40' 05" | 276° 58' 04" | 04° 26' 11" | 276° 56' 42" | 03° 03' 48" |
| 18:05 | 07° 25' 48" | 276° 58' 55" | 04° 11' 49" | 276° 57' 56" | 03° 04' 09" |
| 18:06 | 07° 11' 32" | 276° 59' 47" | 03° 57' 29" | 276° 59' 10" | 03° 04' 30" |
| 18:07 | 06° 57' 17" | 277° 00' 39" | 03° 43' 11" | 277° 00' 25" | 03° 04' 51" |
| 18:08 | 06° 43' 02" | 277° 01' 31" | 03° 28' 57" | 277° 01' 41" | 03° 05' 12" |
| 18:09 | 06° 28' 49" | 277° 02' 24" | 03° 14' 45" | 277° 02' 56" | 03° 05' 33" |
| 18:10 | 06° 14' 36" | 277° 03' 17" | 03° 00' 37" | 277° 04' 13" | 03° 05' 54" |
| 18:11 | 06° 00' 24" | 277° 04' 11" | 02° 46' 33" | 277° 05' 30" | 03° 06' 15" |
| 18:12 | 05° 46' 14" | 277° 05' 05" | 02° 32' 34" | 277° 06' 47" | 03° 06' 36" |
| 18:13 | 05° 32' 04" | 277° 06' 00" | 02° 18' 39" | 277° 08' 04" | 03° 06' 57" |
| 18:14 | 05° 17' 56" | 277° 06' 54" | 02° 04' 50" | 277° 09' 23" | 03° 07' 19" |
| 18:15 | 05° 03' 50" | 277° 07' 50" | 01° 51' 07" | 277° 10' 41" | 03° 07' 40" |
| 18:16 | 04° 49' 44" | 277° 08' 46" | 01° 37' 31" | 277° 12' 00" | 03° 08' 02" |
| 18:17 | 04° 35' 41" | 277° 09' 42" | 01° 24' 02" | 277° 13' 20" | 03° 08' 24" |
| 18:18 | 04° 21' 39" | 277° 10' 39" | 01° 10' 43" | 277° 14' 40" | 03° 08' 45" |
| 18:19 | 04° 07' 40" | 277° 11' 36" | 00° 57' 34" | 277° 16' 01" | 03° 09' 07" |
| 18:20 | 03° 53' 42" | 277° 12' 34" | 00° 44' 34" | 277° 17' 22" | 03° 09' 29" |
| 18:21 | 03° 39' 47" | 277° 13' 32" | 00° 31' 46" | 277° 18' 43" | 03° 09' 51" |
| 18:22 | 03° 25' 55" | 277° 14' 30" | 00° 19' 09" | 277° 20' 05" | 03° 10' 13" |
| 18:23 | 03° 12' 06" | 277° 15' 29" | 00° 06' 42" | 277° 21' 28" | 03° 10' 35" |
| 18:24 | 02° 58' 20" | 277° 16' 29" | -00° 05' 37" | 277° 22' 51" | 03° 10' 58" |

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| Waktu | Altitud Bulan | Azimuth Bulan | Altitud MH | Azimuth MH | Jarak Lengkung |
| 18:25 | 02° 44' 39" | 277° 17' 29" | -00° 17' 53" | 277° 24' 14" | 03° 11' 20" |
| 18:26 | 02° 31' 01" | 277° 18' 29" | -00° 30' 16" | 277° 25' 39" | 03° 11' 42" |
| 18:27 | 02° 17' 28" | 277° 19' 30" | -00° 42' 59" | 277° 27' 03" | 03° 12' 05" |
| 18:28 | 02° 04' 01" | 277° 20' 31" | -00° 56' 19" | 277° 28' 28" | 03° 12' 27" |
| 18:29 | 01° 50' 39" | 277° 21' 33" | -01° 10' 38" | 277° 29' 54" | 03° 12' 50" |
| 18:30 | 01° 37' 25" | 277° 22' 35" | -01° 26' 15" | 277° 31' 20" | 03° 13' 13" |
| 18:31 | 01° 24' 17" | 277° 23' 38" | -01° 43' 22" | 277° 32' 46" | 03° 13' 36" |
| 18:32 | 01° 11' 18" | 277° 24' 41" | -02° 01' 54" | 277° 34' 13" | 03° 13' 58" |
| 18:33 | 00° 58' 29" | 277° 25' 45" | -02° 21' 31" | 277° 35' 41" | 03° 14' 21" |
| 18:34 | 00° 45' 49" | 277° 26' 49" | -02° 41' 42" | 277° 37' 09" | 03° 14' 45" |
| 18:35 | 00° 33' 20" | 277° 27' 53" | -03° 01' 56" | 277° 38' 38" | 03° 15' 08" |
| 18:36 | 00° 21' 01" | 277° 28' 58" | -03° 21' 47" | 277° 40' 07" | 03° 15' 31" |
| 18:37 | 00° 08' 52" | 277° 30' 04" | -03° 41' 03" | 277° 41' 37" | 03° 15' 54" |
| 18:38 | -00° 03' 08" | 277° 31' 10" | -03° 59' 37" | 277° 43' 07" | 03° 16' 18" |
| 18:39 | -00° 15' 06" | 277° 32' 16" | -04° 17' 32" | 277° 44' 38" | 03° 16' 41" |
| 18:40 | -00° 27' 07" | 277° 33' 23" | -04° 34' 51" | 277° 46' 10" | 03° 17' 05" |
| 18:41 | -00° 39' 22" | 277° 34' 31" | -04° 51' 47" | 277° 47' 42" | 03° 17' 28" |
| 18:42 | -00° 52' 08" | 277° 35' 38" | -05° 02' 09" | 277° 49' 14" | 03° 17' 52" |
| 18:43 | -01° 05' 44" | 277° 36' 47" | -05° 23' 38" | 277° 50' 47" | 03° 18' 16" |
| 18:44 | -01° 20' 28" | 277° 37' 56" | -05° 39' 30" | 277° 52' 21" | 03° 18' 40" |
| 18:45 | -01° 36' 35" | 277° 39' 05" | -05° 55' 04" | 277° 53' 55" | 03° 19' 04" |
| 18:46 | -01° 54' 06" | 277° 40' 15" | -06° 10' 27" | 277° 55' 30" | 03° 19' 28" |
| 18:47 | -02° 12' 48" | 277° 41' 25" | -06° 25' 42" | 277° 57' 06" | 03° 19' 52" |
| 18:48 | -02° 32' 16" | 277° 42' 36" | -06° 40' 50" | 277° 58' 42" | 03° 20' 16" |
| 18:49 | -02° 51' 59" | 277° 43' 47" | -06° 55' 53" | 278° 00' 18" | 03° 20' 40" |
| 18:50 | -03° 11' 32" | 277° 44' 59" | -07° 10' 51" | 278° 01' 56" | 03° 21' 05" |
| 18:51 | -03° 30' 36" | 277° 46' 12" | -07° 25' 47" | 278° 03' 33" | 03° 21' 29" |
| 18:52 | -03° 49' 03" | 277° 47' 24" | -07° 40' 40" | 278° 05' 12" | 03° 21' 54" |
| 18:53 | -04° 06' 51" | 277° 48' 38" | -07° 55' 31" | 278° 06' 51" | 03° 22' 18" |
| 18:54 | -04° 24' 03" | 277° 49' 52" | -08° 10' 20" | 278° 08' 30" | 03° 22' 43" |

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| 18:55 | -04° 40' 44" | 277° 51' 06" | -08° 25' 08" | 278° 10' 11" | 03° 23' 08" |
| 18:56 | -04° 57' 12" | 277° 52' 21" | -08° 39' 55" | 278° 11' 51" | 03° 23' 33" |
| 18:57 | -05° 11' 33" | 277° 53' 37" | -08° 54' 41" | 278° 13' 33" | 03° 23' 57" |
| 18:58 | -05° 27' 52" | 277° 54' 52" | -09° 09' 26" | 278° 15' 15" | 03° 24' 22" |
| 18:59 | -05° 43' 13" | 277° 56' 09" | -09° 24' 11" | 278° 16' 58" | 03° 24' 48" |
| 19:00 | -05° 58' 19" | 277° 57' 26" | -09° 38' 55" | 278° 18' 41" | 03° 25' 13" |
| 19:01 | -06° 13' 15" | 277° 58' 44" | -09° 53' 39" | 278° 20' 25" | 03° 25' 38" |
| 19:02 | -06° 28' 03" | 278° 00' 02" | -10° 08' 22" | 278° 22' 10" | 03° 26' 03" |
| 19:03 | -06° 42' 45" | 278° 01' 20" | -10° 23' 06" | 278° 23' 55" | 03° 26' 29" |
| 19:04 | -06° 57' 23" | 278° 02' 40" | -10° 37' 49" | 278° 25' 41" | 03° 26' 54" |
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| 19:07 | -07° 40' 56" | 278° 06' 40" | -11° 21' 58" | 278° 31' 04" | 03° 28' 11" |
| 19:08 | -07° 55' 22" | 278° 08' 02" | -11° 36' 40" | 278° 32' 52" | 03° 28' 37" |
| 19:09 | -08° 09' 46" | 278° 09' 24" | -11° 51' 23" | 278° 34' 42" | 03° 29' 03" |
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| 19:11 | -08° 38' 32" | 278° 12' 09" | -12° 20' 48" | 278° 38' 23" | 03° 29' 54" |
| 19:12 | -08° 52' 54" | 278° 13' 33" | -12° 35' 31" | 278° 40' 14" | 03° 30' 20" |
| 19:13 | -09° 07' 14" | 278° 14' 57" | -12° 50' 14" | 278° 42' 06" | 03° 30' 47" |
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| 19:17 | -10° 04' 32" | 278° 20' 40" | -13° 49' 03" | 278° 49' 43" | 03° 32' 32" |
| 19:18 | -10° 18' 51" | 278° 22' 07" | -14° 03' 46" | 278° 51' 39" | 03° 32' 58" |
| 19:19 | -10° 33' 09" | 278° 23' 35" | -14° 18' 28" | 278° 53' 35" | 03° 33' 25" |
| 19:20 | -10° 47' 28" | 278° 25' 03" | -14° 33' 11" | 278° 55' 33" | 03° 33' 52" |
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| 19:22 | -11° 16' 04" | 278° 28' 02" | -15° 02' 36" | 278° 59' 30" | 03° 34' 45" |
| 19:23 | -11° 30' 21" | 278° 29' 32" | -15° 17' 18" | 279° 01' 30" | 03° 35' 12" |
| 19:24 | -11° 44' 39" | 278° 31' 03" | -15° 32' 00" | 279° 03' 30" | 03° 35' 39" |

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