# DATA RUKYAH MATAHARI DAN BULAN
## Menara UMSKAL, W.P. Labuan
## [ 5°16'43" U, 115°10'25" T, 40 m ]
## Terbias
## Delta T 76.0 saat

| Bulan Terbenam : 18:42:00 | | | 28/12/2027 | Matahari Terbenam : 18:16:00 | | |
|---|---|---|---|---|---|---|
| Umur Hilal : 14j 29m | | | | Ijtimak : 04:12 (2027-12-28) | | |
| Tarikh | Waktu | Altitud Bulan | Azimuth Bulan | Altitud MH | Azimuth MH | Jarak Lengkung |
| 28/12/2027 | 17:16 | 17° 31' 54" | 241° 51' 39" | 12° 40' 37" | 244° 41' 38" | 05° 35' 22" |
| 28/12/2027 | 17:17 | 17° 19' 10" | 241° 55' 19" | 12° 27' 12" | 244° 44' 25" | 05° 35' 41" |
| 28/12/2027 | 17:18 | 17° 06' 26" | 241° 58' 57" | 12° 13' 46" | 244° 47' 11" | 05° 36' 00" |
| 28/12/2027 | 17:19 | 16° 53' 42" | 242° 02' 33" | 12° 00' 20" | 244° 49' 55" | 05° 36' 19" |
| 28/12/2027 | 17:20 | 16° 40' 58" | 242° 06' 07" | 11° 46' 54" | 244° 52' 38" | 05° 36' 38" |
| 28/12/2027 | 17:21 | 16° 28' 13" | 242° 09' 40" | 11° 33' 28" | 244° 55' 19" | 05° 36' 57" |
| 28/12/2027 | 17:22 | 16° 15' 28" | 242° 13' 10" | 11° 20' 02" | 244° 57' 58" | 05° 37' 16" |
| 28/12/2027 | 17:23 | 16° 02' 43" | 242° 16' 39" | 11° 06' 36" | 245° 00' 35" | 05° 37' 35" |
| 28/12/2027 | 17:24 | 15° 49' 57" | 242° 20' 06" | 10° 53' 09" | 245° 03' 11" | 05° 37' 54" |
| 28/12/2027 | 17:25 | 15° 37' 11" | 242° 23' 30" | 10° 39' 43" | 245° 05' 45" | 05° 38' 14" |
| 28/12/2027 | 17:26 | 15° 24' 25" | 242° 26' 53" | 10° 26' 16" | 245° 08' 18" | 05° 38' 33" |
| 28/12/2027 | 17:27 | 15° 11' 38" | 242° 30' 15" | 10° 12' 50" | 245° 10' 49" | 05° 38' 53" |
| 28/12/2027 | 17:28 | 14° 58' 51" | 242° 33' 34" | 09° 59' 23" | 245° 13' 18" | 05° 39' 12" |
| 28/12/2027 | 17:29 | 14° 46' 04" | 242° 36' 52" | 09° 45' 57" | 245° 15' 46" | 05° 39' 32" |
| 28/12/2027 | 17:30 | 14° 33' 16" | 242° 40' 07" | 09° 32' 30" | 245° 18' 12" | 05° 39' 51" |
| 28/12/2027 | 17:31 | 14° 20' 29" | 242° 43' 21" | 09° 19' 04" | 245° 20' 36" | 05° 40' 11" |
| 28/12/2027 | 17:32 | 14° 07' 41" | 242° 46' 34" | 09° 05' 37" | 245° 22' 59" | 05° 40' 31" |
| 28/12/2027 | 17:33 | 13° 54' 53" | 242° 49' 44" | 08° 52' 11" | 245° 25' 20" | 05° 40' 51" |
| 28/12/2027 | 17:34 | 13° 42' 04" | 242° 52' 53" | 08° 38' 44" | 245° 27' 39" | 05° 41' 11" |
| 28/12/2027 | 17:35 | 13° 29' 16" | 242° 55' 59" | 08° 25' 18" | 245° 29' 57" | 05° 41' 31" |
| 28/12/2027 | 17:36 | 13° 16' 27" | 242° 59' 05" | 08° 11' 52" | 245° 32' 14" | 05° 41' 51" |
| 28/12/2027 | 17:37 | 13° 03' 38" | 243° 02' 08" | 07° 58' 27" | 245° 34' 29" | 05° 42' 11" |
| 28/12/2027 | 17:38 | 12° 50' 49" | 243° 05' 10" | 07° 45' 01" | 245° 36' 42" | 05° 42' 31" |
| 28/12/2027 | 17:39 | 12° 37' 59" | 243° 08' 10" | 07° 31' 36" | 245° 38' 54" | 05° 42' 51" |
| 28/12/2027 | 17:40 | 12° 25' 10" | 243° 11' 08" | 07° 18' 11" | 245° 41' 04" | 05° 43' 11" |
| 28/12/2027 | 17:41 | 12° 12' 20" | 243° 14' 05" | 07° 04' 46" | 245° 43' 12" | 05° 43' 32" |
| 28/12/2027 | 17:42 | 11° 59' 30" | 243° 16' 59" | 06° 51' 22" | 245° 45' 20" | 05° 43' 52" |
| 28/12/2027 | 17:43 | 11° 46' 40" | 243° 19' 53" | 06° 37' 58" | 245° 47' 25" | 05° 44' 13" |
| 28/12/2027 | 17:44 | 11° 33' 50" | 243° 22' 44" | 06° 24' 35" | 245° 49' 29" | 05° 44' 33" |
| 28/12/2027 | 17:45 | 11° 21' 00" | 243° 25' 34" | 06° 11' 12" | 245° 51' 32" | 05° 44' 54" |
| 28/12/2027 | 17:46 | 11° 08' 09" | 243° 28' 22" | 05° 57' 50" | 245° 53' 32" | 05° 45' 15" |

**Sumber : Perisian AIMS JUPEM**

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| Bulan Terbenam : 18:42:00 | | | 28/12/2027 | Matahari Terbenam : 18:16:00 | | |
|---|---|---|---|---|---|---|
| Umur Hilal : 14j 29m | | | | Ijtimak : 04:12 (2027-12-28) | | |
| Tarikh | Waktu | Altitud Bulan | Azimuth Bulan | Altitud MH | Azimuth MH | Jarak Lengkung |
| 28/12/2027 | 17:47 | 10° 55' 19" | 243° 31' 09" | 05° 44' 29" | 245° 55' 32" | 05° 45' 36" |
| 28/12/2027 | 17:48 | 10° 42' 28" | 243° 33' 54" | 05° 31' 08" | 245° 57' 30" | 05° 45' 56" |
| 28/12/2027 | 17:49 | 10° 29' 38" | 243° 36' 37" | 05° 17' 49" | 245° 59' 26" | 05° 46' 17" |
| 28/12/2027 | 17:50 | 10° 16' 47" | 243° 39' 19" | 05° 04' 30" | 246° 01' 21" | 05° 46' 38" |
| 28/12/2027 | 17:51 | 10° 03' 56" | 243° 41' 59" | 04° 51' 12" | 246° 03' 15" | 05° 46' 59" |
| 28/12/2027 | 17:52 | 09° 51' 05" | 243° 44' 37" | 04° 37' 56" | 246° 05' 07" | 05° 47' 21" |
| 28/12/2027 | 17:53 | 09° 38' 15" | 243° 47' 14" | 04° 24' 41" | 246° 06' 57" | 05° 47' 42" |
| 28/12/2027 | 17:54 | 09° 25' 24" | 243° 49' 49" | 04° 11' 27" | 246° 08' 46" | 05° 48' 03" |
| 28/12/2027 | 17:55 | 09° 12' 33" | 243° 52' 23" | 03° 58' 15" | 246° 10' 34" | 05° 48' 24" |
| 28/12/2027 | 17:56 | 08° 59' 42" | 243° 54' 55" | 03° 45' 05" | 246° 12' 20" | 05° 48' 46" |
| 28/12/2027 | 17:57 | 08° 46' 52" | 243° 57' 25" | 03° 31' 58" | 246° 14' 04" | 05° 49' 07" |
| 28/12/2027 | 17:58 | 08° 34' 01" | 243° 59' 54" | 03° 18' 52" | 246° 15' 47" | 05° 49' 29" |
| 28/12/2027 | 17:59 | 08° 21' 11" | 244° 02' 22" | 03° 05' 49" | 246° 17' 29" | 05° 49' 50" |
| 28/12/2027 | 18:00 | 08° 08' 21" | 244° 04' 48" | 02° 52' 49" | 246° 19' 09" | 05° 50' 12" |
| 28/12/2027 | 18:01 | 07° 55' 31" | 244° 07' 12" | 02° 39' 53" | 246° 20' 48" | 05° 50' 34" |
| 28/12/2027 | 18:02 | 07° 42' 41" | 244° 09' 35" | 02° 27' 00" | 246° 22' 25" | 05° 50' 55" |
| 28/12/2027 | 18:03 | 07° 29' 51" | 244° 11' 56" | 02° 14' 11" | 246° 24' 01" | 05° 51' 17" |
| 28/12/2027 | 18:04 | 07° 17' 02" | 244° 14' 15" | 02° 01' 28" | 246° 25' 35" | 05° 51' 39" |
| 28/12/2027 | 18:05 | 07° 04' 13" | 244° 16' 34" | 01° 48' 49" | 246° 27' 08" | 05° 52' 01" |
| 28/12/2027 | 18:06 | 06° 51' 24" | 244° 18' 50" | 01° 36' 16" | 246° 28' 40" | 05° 52' 23" |
| 28/12/2027 | 18:07 | 06° 38' 36" | 244° 21' 05" | 01° 23' 50" | 246° 30' 10" | 05° 52' 46" |
| 28/12/2027 | 18:08 | 06° 25' 48" | 244° 23' 19" | 01° 11' 32" | 246° 31' 38" | 05° 53' 08" |
| 28/12/2027 | 18:09 | 06° 13' 01" | 244° 25' 31" | 00° 59' 21" | 246° 33' 06" | 05° 53' 30" |
| 28/12/2027 | 18:10 | 06° 00' 14" | 244° 27' 42" | 00° 47' 19" | 246° 34' 31" | 05° 53' 52" |
| 28/12/2027 | 18:11 | 05° 47' 28" | 244° 29' 51" | 00° 35' 26" | 246° 35' 56" | 05° 54' 15" |
| 28/12/2027 | 18:12 | 05° 34' 43" | 244° 31' 58" | 00° 23' 43" | 246° 37' 19" | 05° 54' 37" |
| 28/12/2027 | 18:13 | 05° 21' 58" | 244° 34' 05" | 00° 12' 09" | 246° 38' 40" | 05° 55' 00" |
| 28/12/2027 | 18:14 | 05° 09' 14" | 244° 36' 09" | 00° 00' 42" | 246° 40' 01" | 05° 55' 22" |
| 28/12/2027 | 18:15 | 04° 56' 32" | 244° 38' 13" | -00° 10' 40" | 246° 41' 19" | 05° 55' 45" |
| 28/12/2027 | 18:16 | 04° 43' 50" | 244° 40' 14" | -00° 22' 03" | 246° 42' 37" | 05° 56' 08" |
| 28/12/2027 | 18:17 | 04° 31' 09" | 244° 42' 15" | -00° 33' 35" | 246° 43' 52" | 05° 56' 31" |

**Sumber : Perisian AIMS JUPEM**

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| Bulan Terbenam : 18:42:00 | | | 28/12/2027 | Matahari Terbenam : 18:16:00 | | |
|---|---|---|---|---|---|---|
| Umur Hilal : 14j 29m | | | | Ijtimak : 04:12 (2027-12-28) | | |
| Tarikh | Waktu | Altitud Bulan | Azimuth Bulan | Altitud MH | Azimuth MH | Jarak Lengkung |
| 28/12/2027 | 18:18 | 04° 18' 30" | 244° 44' 13" | -00° 45' 27" | 246° 45' 07" | 05° 56' 54" |
| 28/12/2027 | 18:19 | 04° 05' 52" | 244° 46' 11" | -00° 57' 55" | 246° 46' 20" | 05° 57' 17" |
| 28/12/2027 | 18:20 | 03° 53' 16" | 244° 48' 07" | -01° 11' 15" | 246° 47' 32" | 05° 57' 40" |
| 28/12/2027 | 18:21 | 03° 40' 42" | 244° 50' 01" | -01° 25' 44" | 246° 48' 42" | 05° 58' 03" |
| 28/12/2027 | 18:22 | 03° 28' 09" | 244° 51' 54" | -01° 41' 30" | 246° 49' 51" | 05° 58' 26" |
| 28/12/2027 | 18:23 | 03° 15' 39" | 244° 53' 46" | -01° 58' 30" | 246° 50' 58" | 05° 58' 49" |
| 28/12/2027 | 18:24 | 03° 03' 12" | 244° 55' 36" | -02° 16' 31" | 246° 52' 04" | 05° 59' 13" |
| 28/12/2027 | 18:25 | 02° 50' 47" | 244° 57' 25" | -02° 35' 08" | 246° 53' 09" | 05° 59' 36" |
| 28/12/2027 | 18:26 | 02° 38' 25" | 244° 59' 12" | -02° 53' 56" | 246° 54' 12" | 05° 59' 59" |
| 28/12/2027 | 18:27 | 02° 26' 07" | 245° 00' 58" | -03° 12' 32" | 246° 55' 14" | 06° 00' 23" |
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| 28/12/2027 | 18:32 | 01° 25' 43" | 245° 09' 27" | -04° 37' 46" | 247° 00' 03" | 06° 02' 22" |
| 28/12/2027 | 18:33 | 01° 13' 56" | 245° 11' 04" | -04° 53' 27" | 247° 00' 57" | 06° 02' 45" |
| 28/12/2027 | 18:34 | 01° 02' 16" | 245° 12' 41" | -05° 09' 43" | 247° 01' 49" | 06° 03' 09" |
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| 28/12/2027 | 18:39 | 00° 05' 58" | 245° 20' 20" | -06° 20' 44" | 247° 05' 49" | 06° 05' 11" |
| 28/12/2027 | 18:40 | -00° 04' 55" | 245° 21' 48" | -06° 34' 50" | 247° 06' 33" | 06° 05' 35" |
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| 28/12/2027 | 18:42 | -00° 26' 42" | 245° 24' 40" | -07° 02' 49" | 247° 07' 56" | 06° 06' 24" |
| 28/12/2027 | 18:43 | -00° 37' 49" | 245° 26' 03" | -07° 16' 43" | 247° 08' 36" | 06° 06' 49" |
| 28/12/2027 | 18:44 | -00° 49' 19" | 245° 27' 26" | -07° 30' 35" | 247° 09' 14" | 06° 07' 13" |
| 28/12/2027 | 18:45 | -01° 01' 27" | 245° 28' 47" | -07° 44' 25" | 247° 09' 51" | 06° 07' 38" |
| 28/12/2027 | 18:46 | -01° 14' 27" | 245° 30' 06" | -07° 58' 13" | 247° 10' 26" | 06° 08' 03" |
| 28/12/2027 | 18:47 | -01° 28' 32" | 245° 31' 25" | -08° 12' 00" | 247° 11' 00" | 06° 08' 28" |
| 28/12/2027 | 18:48 | -01° 43' 48" | 245° 32' 42" | -08° 25' 47" | 247° 11' 33" | 06° 08' 53" |

**Sumber : Perisian AIMS JUPEM**

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| Umur Hilal : 14j 29m | | | | Ijtimak : 04:12 (2027-12-28) | | |
| Tarikh | Waktu | Altitud Bulan | Azimuth Bulan | Altitud MH | Azimuth MH | Jarak Lengkung |
| 28/12/2027 | 18:49 | -02° 00' 11" | 245° 33' 57" | -08° 39' 32" | 247° 12' 04" | 06° 09' 18" |
| 28/12/2027 | 18:50 | -02° 17' 27" | 245° 35' 11" | -08° 53' 17" | 247° 12' 34" | 06° 09' 43" |
| 28/12/2027 | 18:51 | -02° 35' 15" | 245° 36' 24" | -09° 07' 01" | 247° 13' 02" | 06° 10' 08" |
| 28/12/2027 | 18:52 | -02° 53' 12" | 245° 37' 36" | -09° 20' 45" | 247° 13' 29" | 06° 10' 34" |
| 28/12/2027 | 18:53 | -03° 11' 00" | 245° 38' 46" | -09° 34' 28" | 247° 13' 55" | 06° 10' 59" |
| 28/12/2027 | 18:54 | -03° 28' 25" | 245° 39' 54" | -09° 48' 11" | 247° 14' 19" | 06° 11' 24" |
| 28/12/2027 | 18:55 | -03° 45' 19" | 245° 41' 02" | -10° 01' 54" | 247° 14' 42" | 06° 11' 50" |
| 28/12/2027 | 18:56 | -04° 01' 41" | 245° 42' 08" | -10° 15' 37" | 247° 15' 03" | 06° 12' 15" |
| 28/12/2027 | 18:57 | -04° 17' 32" | 245° 43' 13" | -10° 29' 20" | 247° 15' 23" | 06° 12' 41" |
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| 28/12/2027 | 19:09 | -07° 05' 39" | 245° 54' 24" | -13° 13' 55" | 247° 17' 31" | 06° 17' 54" |
| 28/12/2027 | 19:10 | -07° 18' 55" | 245° 55' 11" | -13° 27' 38" | 247° 17' 33" | 06° 18' 20" |
| 28/12/2027 | 19:11 | -07° 32' 10" | 245° 55' 57" | -13° 41' 21" | 247° 17' 33" | 06° 18' 47" |
| 28/12/2027 | 19:12 | -07° 45' 22" | 245° 56' 42" | -13° 55' 04" | 247° 17' 31" | 06° 19' 13" |
| 28/12/2027 | 19:13 | -07° 58' 34" | 245° 57' 25" | -14° 08' 47" | 247° 17' 28" | 06° 19' 40" |
| 28/12/2027 | 19:14 | -08° 11' 44" | 245° 58' 07" | -14° 22' 31" | 247° 17' 23" | 06° 20' 07" |
| 28/12/2027 | 19:15 | -08° 24' 53" | 245° 58' 47" | -14° 36' 14" | 247° 17' 17" | 06° 20' 34" |
| 28/12/2027 | 19:16 | -08° 38' 01" | 245° 59' 26" | -14° 49' 58" | 247° 17' 09" | 06° 21' 00" |

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