

## DATA RUKYAH

Bulan terbenam: 18 : 41

Umur hilal: 08 j 15 m

23-Apr-2020

Menara UMS

115° 10 ' 25 " T, 05° 16 ' 43 " U

Matahari terbenam: 18 : 26

Ijtimak: 10:26 (23-4-2020)

| WAKTU M'SIA<br>(J : M) | ALTITUD BULAN<br>(D M S) | AZIMUT BULAN<br>(D M S) | ALTITUD MH<br>(D M S) | AZIMUT MH<br>(D M S) | J/LENGKUNG<br>(D M S) |
|------------------------|--------------------------|-------------------------|-----------------------|----------------------|-----------------------|
| 17:26                  | 17 10 06                 | 278 46 18               | 13 46 30              | 281 51 34            | 04 23 20              |
| 17:27                  | 16 55 45                 | 278 47 07               | 13 31 57              | 281 52 13            | 04 23 30              |
| 17:28                  | 16 41 24                 | 278 47 57               | 13 17 24              | 281 52 53            | 04 23 41              |
| 17:29                  | 16 27 03                 | 278 48 48               | 13 02 51              | 281 53 34            | 04 23 52              |
| 17:30                  | 16 12 42                 | 278 49 38               | 12 48 19              | 281 54 15            | 04 24 03              |
| 17:31                  | 15 58 22                 | 278 50 30               | 12 33 47              | 281 54 57            | 04 24 13              |
| 17:32                  | 15 44 02                 | 278 51 22               | 12 19 15              | 281 55 41            | 04 24 24              |
| 17:33                  | 15 29 42                 | 278 52 14               | 12 04 43              | 281 56 24            | 04 24 35              |
| 17:34                  | 15 15 22                 | 278 53 07               | 11 50 12              | 281 57 09            | 04 24 47              |
| 17:35                  | 15 01 02                 | 278 54 01               | 11 35 41              | 281 57 54            | 04 24 58              |
| 17:36                  | 14 46 43                 | 278 54 55               | 11 21 10              | 281 58 41            | 04 25 09              |
| 17:37                  | 14 32 23                 | 278 55 50               | 11 06 39              | 281 59 27            | 04 25 20              |
| 17:38                  | 14 18 04                 | 278 56 45               | 10 52 08              | 282 00 15            | 04 25 32              |
| 17:39                  | 14 03 46                 | 278 57 40               | 10 37 38              | 282 01 04            | 04 25 43              |
| 17:40                  | 13 49 27                 | 278 58 36               | 10 23 08              | 282 01 53            | 04 25 55              |

sumber: perisian SPPFv1.3



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|------------------------|--------------------------|-------------------------|-----------------------|----------------------|-----------------------|
| 17:41                  | 13 35 09                 | 278 59 33               | 10 08 39              | 282 02 43            | 04 26 06              |
| 17:42                  | 13 20 50                 | 279 00 30               | 09 54 10              | 282 03 34            | 04 26 18              |
| 17:43                  | 13 06 33                 | 279 01 28               | 09 39 41              | 282 04 26            | 04 26 30              |
| 17:44                  | 12 52 15                 | 279 02 26               | 09 25 12              | 282 05 18            | 04 26 42              |
| 17:45                  | 12 37 57                 | 279 03 25               | 09 10 44              | 282 06 11            | 04 26 53              |
| 17:46                  | 12 23 40                 | 279 04 25               | 08 56 17              | 282 07 05            | 04 27 05              |
| 17:47                  | 12 09 23                 | 279 05 25               | 08 41 50              | 282 08 00            | 04 27 18              |
| 17:48                  | 11 55 07                 | 279 06 25               | 08 27 23              | 282 08 56            | 04 27 30              |
| 17:49                  | 11 40 51                 | 279 07 26               | 08 12 57              | 282 09 52            | 04 27 42              |
| 17:50                  | 11 26 35                 | 279 08 27               | 07 58 31              | 282 10 49            | 04 27 54              |
| 17:51                  | 11 12 19                 | 279 09 29               | 07 44 06              | 282 11 47            | 04 28 06              |
| 17:52                  | 10 58 04                 | 279 10 32               | 07 29 42              | 282 12 46            | 04 28 19              |
| 17:53                  | 10 43 49                 | 279 11 35               | 07 15 18              | 282 13 45            | 04 28 31              |
| 17:54                  | 10 29 34                 | 279 12 39               | 07 00 55              | 282 14 46            | 04 28 44              |
| 17:55                  | 10 15 20                 | 279 13 43               | 06 46 33              | 282 15 47            | 04 28 57              |

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|------------------------|--------------------------|-------------------------|-----------------------|----------------------|-----------------------|
| 17:56                  | 10 01 06                 | 279 14 48               | 06 32 12              | 282 16 48            | 04 29 09              |
| 17:57                  | 09 46 52                 | 279 15 53               | 06 17 51              | 282 17 51            | 04 29 22              |
| 17:58                  | 09 32 39                 | 279 16 59               | 06 03 32              | 282 18 54            | 04 29 35              |
| 17:59                  | 09 18 27                 | 279 18 05               | 05 49 13              | 282 19 59            | 04 29 48              |
| 18:00                  | 09 04 14                 | 279 19 12               | 05 34 56              | 282 21 04            | 04 30 01              |
| 18:01                  | 08 50 03                 | 279 20 19               | 05 20 40              | 282 22 10            | 04 30 14              |
| 18:02                  | 08 35 52                 | 279 21 27               | 05 06 26              | 282 23 16            | 04 30 27              |
| 18:03                  | 08 21 41                 | 279 22 36               | 04 52 13              | 282 24 24            | 04 30 40              |
| 18:04                  | 08 07 31                 | 279 23 45               | 04 38 01              | 282 25 32            | 04 30 54              |
| 18:05                  | 07 53 21                 | 279 24 55               | 04 23 52              | 282 26 41            | 04 31 07              |
| 18:06                  | 07 39 13                 | 279 26 05               | 04 09 44              | 282 27 51            | 04 31 20              |
| 18:07                  | 07 25 05                 | 279 27 16               | 03 55 39              | 282 29 01            | 04 31 34              |
| 18:08                  | 07 10 57                 | 279 28 27               | 03 41 36              | 282 30 13            | 04 31 48              |
| 18:09                  | 06 56 51                 | 279 29 39               | 03 27 36              | 282 31 25            | 04 32 01              |
| 18:10                  | 06 42 45                 | 279 30 51               | 03 13 39              | 282 32 38            | 04 32 15              |

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|------------------------|--------------------------|-------------------------|-----------------------|----------------------|-----------------------|
| 18:11                  | 06 28 40                 | 279 32 04               | 02 59 46              | 282 33 52            | 04 32 29              |
| 18:12                  | 06 14 36                 | 279 33 18               | 02 45 56              | 282 35 06            | 04 32 43              |
| 18:13                  | 06 00 33                 | 279 34 32               | 02 32 10              | 282 36 22            | 04 32 57              |
| 18:14                  | 05 46 31                 | 279 35 47               | 02 18 30              | 282 37 38            | 04 33 11              |
| 18:15                  | 05 32 31                 | 279 37 02               | 02 04 55              | 282 38 55            | 04 33 25              |
| 18:16                  | 05 18 31                 | 279 38 18               | 01 51 25              | 282 40 13            | 04 33 39              |
| 18:17                  | 05 04 33                 | 279 39 34               | 01 38 03              | 282 41 32            | 04 33 53              |
| 18:18                  | 04 50 37                 | 279 40 51               | 01 24 48              | 282 42 51            | 04 34 08              |
| 18:19                  | 04 36 42                 | 279 42 09               | 01 11 42              | 282 44 12            | 04 34 22              |
| 18:20                  | 04 22 49                 | 279 43 27               | 00 58 45              | 282 45 33            | 04 34 37              |
| 18:21                  | 04 08 59                 | 279 44 45               | 00 45 58              | 282 46 55            | 04 34 51              |
| 18:22                  | 03 55 10                 | 279 46 05               | 00 33 22              | 282 48 18            | 04 35 06              |
| 18:23                  | 03 41 24                 | 279 47 25               | 00 20 56              | 282 49 42            | 04 35 21              |
| 18:24                  | 03 27 40                 | 279 48 45               | 00 08 41              | 282 51 06            | 04 35 35              |
| 18:25                  | 03 14 00                 | 279 50 06               | -00 03 26             | 282 52 32            | 04 35 50              |

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|------------------------|--------------------------|-------------------------|-----------------------|----------------------|-----------------------|
| 18:26                  | 03 00 23                 | 279 51 28               | -00 15 30             | 282 53 58            | 04 36 05              |
| 18:27                  | 02 46 49                 | 279 52 50               | -00 27 38             | 282 55 25            | 04 36 20              |
| 18:28                  | 02 33 20                 | 279 54 13               | -00 40 02             | 282 56 53            | 04 36 35              |
| 18:29                  | 02 19 55                 | 279 55 36               | -00 52 57             | 282 58 22            | 04 36 50              |
| 18:30                  | 02 06 36                 | 279 57 00               | -01 06 44             | 282 59 52            | 04 37 06              |
| 18:31                  | 01 53 22                 | 279 58 25               | -01 21 43             | 283 01 22            | 04 37 21              |
| 18:32                  | 01 40 15                 | 279 59 50               | -01 38 06             | 283 02 54            | 04 37 36              |
| 18:33                  | 01 27 14                 | 280 01 16               | -01 55 54             | 283 04 26            | 04 37 52              |
| 18:34                  | 01 14 22                 | 280 02 43               | -02 14 52             | 283 05 59            | 04 38 07              |
| 18:35                  | 01 01 39                 | 280 04 10               | -02 34 34             | 283 07 34            | 04 38 23              |
| 18:36                  | 00 49 06                 | 280 05 38               | -02 54 28             | 283 09 09            | 04 38 39              |
| 18:37                  | 00 36 42                 | 280 07 06               | -03 14 09             | 283 10 44            | 04 38 55              |
| 18:38                  | 00 24 29                 | 280 08 35               | -03 33 19             | 283 12 21            | 04 39 10              |
| 18:39                  | 00 12 26                 | 280 10 04               | -03 51 50             | 283 13 59            | 04 39 26              |
| 18:40                  | 00 00 32                 | 280 11 35               | -04 09 42             | 283 15 37            | 04 39 42              |

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|------------------------|--------------------------|-------------------------|-----------------------|----------------------|-----------------------|
| 18:41                  | -00 11 18                | 280 13 06               | -04 26 57             | 283 17 17            | 04 39 58              |
| 18:42                  | -00 23 08                | 280 14 37               | -04 43 44             | 283 18 57            | 04 40 15              |
| 18:43                  | -00 35 08                | 280 16 09               | -05 00 32             | 283 20 39            | 04 40 31              |
| 18:44                  | -00 47 33                | 280 17 42               | -05 15 10             | 283 22 21            | 04 40 47              |
| 18:45                  | -01 00 39                | 280 19 15               | -05 31 06             | 283 24 04            | 04 41 03              |
| 18:46                  | -01 14 45                | 280 20 50               | -05 46 31             | 283 25 48            | 04 41 20              |
| 18:47                  | -01 30 08                | 280 22 24               | -06 01 43             | 283 27 33            | 04 41 36              |
| 18:48                  | -01 46 54                | 280 24 00               | -06 16 45             | 283 29 19            | 04 41 53              |
| 18:49                  | -02 04 56                | 280 25 36               | -06 31 40             | 283 31 06            | 04 42 10              |
| 18:50                  | -02 23 54                | 280 27 13               | -06 46 29             | 283 32 54            | 04 42 26              |
| 18:51                  | -02 43 20                | 280 28 50               | -07 01 14             | 283 34 42            | 04 42 43              |
| 18:52                  | -03 02 46                | 280 30 28               | -07 15 54             | 283 36 32            | 04 43 00              |
| 18:53                  | -03 21 50                | 280 32 07               | -07 30 32             | 283 38 23            | 04 43 17              |
| 18:54                  | -03 40 21                | 280 33 46               | -07 45 07             | 283 40 15            | 04 43 34              |
| 18:55                  | -03 58 14                | 280 35 26               | -07 59 41             | 283 42 07            | 04 43 51              |

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|------------------------|--------------------------|-------------------------|-----------------------|----------------------|-----------------------|
| 18:56                  | -04 15 30                | 280 37 07               | -08 14 13             | 283 44 01            | 04 44 09              |
| 18:57                  | -04 32 13                | 280 38 49               | -08 28 44             | 283 45 56            | 04 44 26              |
| 18:58                  | -04 48 31                | 280 40 31               | -08 43 13             | 283 47 51            | 04 44 43              |
| 18:59                  | -05 04 16                | 280 42 14               | -08 57 42             | 283 49 48            | 04 45 01              |
| 19:00                  | -05 19 12                | 280 43 57               | -09 12 10             | 283 51 45            | 04 45 18              |
| 19:01                  | -05 34 35                | 280 45 42               | -09 26 38             | 283 53 44            | 04 45 36              |
| 19:02                  | -05 49 36                | 280 47 27               | -09 41 05             | 283 55 44            | 04 45 53              |
| 19:03                  | -06 04 26                | 280 49 13               | -09 55 32             | 283 57 44            | 04 46 11              |
| 19:04                  | -06 19 07                | 280 50 59               | -10 09 58             | 283 59 46            | 04 46 29              |
| 19:05                  | -06 33 41                | 280 52 46               | -10 24 24             | 284 01 49            | 04 46 47              |
| 19:06                  | -06 48 10                | 280 54 34               | -10 38 50             | 284 03 52            | 04 47 05              |
| 19:07                  | -07 02 34                | 280 56 23               | -10 53 15             | 284 05 57            | 04 47 23              |
| 19:08                  | -07 16 55                | 280 58 12               | -11 07 41             | 284 08 03            | 04 47 41              |
| 19:09                  | -07 31 13                | 281 00 02               | -11 22 06             | 284 10 10            | 04 47 59              |
| 19:10                  | -07 45 29                | 281 01 53               | -11 36 31             | 284 12 18            | 04 48 17              |

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|------------------------|--------------------------|-------------------------|-----------------------|----------------------|----------------------|
| 19:11                  | -07 59 43                | 281 03 45               | -11 50 56             | 284 14 27            | 04 48 36             |
| 19:12                  | -08 13 55                | 281 05 37               | -12 05 21             | 284 16 37            | 04 48 54             |
| 19:13                  | -08 28 07                | 281 07 31               | -12 19 45             | 284 18 49            | 04 49 13             |
| 19:14                  | -08 42 17                | 281 09 25               | -12 34 10             | 284 21 01            | 04 49 31             |
| 19:15                  | -08 56 26                | 281 11 19               | -12 48 35             | 284 23 14            | 04 49 50             |
| 19:16                  | -09 10 34                | 281 13 15               | -13 02 59             | 284 25 29            | 04 50 09             |
| 19:17                  | -09 24 42                | 281 15 11               | -13 17 23             | 284 27 45            | 04 50 27             |
| 19:18                  | -09 38 50                | 281 17 08               | -13 31 48             | 284 30 01            | 04 50 46             |
| 19:19                  | -09 52 57                | 281 19 06               | -13 46 12             | 284 32 19            | 04 51 05             |
| 19:20                  | -10 07 03                | 281 21 05               | -14 00 36             | 284 34 38            | 04 51 24             |
| 19:21                  | -10 21 10                | 281 23 05               | -14 15 00             | 284 36 59            | 04 51 43             |
| 19:22                  | -10 35 16                | 281 25 05               | -14 29 24             | 284 39 20            | 04 52 02             |
| 19:23                  | -10 49 22                | 281 27 06               | -14 43 48             | 284 41 43            | 04 52 22             |
| 19:24                  | -11 03 27                | 281 29 08               | -14 58 11             | 284 44 06            | 04 52 41             |
| 19:25                  | -11 17 32                | 281 31 11               | -15 12 35             | 284 46 31            | 04 53 00             |

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|------------------------|--------------------------|-------------------------|-----------------------|----------------------|-----------------------|
| 17:26                  | 27 31 45                 | 283 18 30               | 13 44 43              | 282 11 59            | 13 35 52              |
| 17:27                  | 27 17 33                 | 283 18 14               | 13 30 11              | 282 12 37            | 13 36 12              |
| 17:28                  | 27 03 22                 | 283 18 00               | 13 15 40              | 282 13 16            | 13 36 32              |
| 17:29                  | 26 49 11                 | 283 17 46               | 13 01 08              | 282 13 55            | 13 36 52              |
| 17:30                  | 26 34 59                 | 283 17 34               | 12 46 37              | 282 14 36            | 13 37 12              |
| 17:31                  | 26 20 48                 | 283 17 23               | 12 32 06              | 282 15 17            | 13 37 33              |
| 17:32                  | 26 06 37                 | 283 17 12               | 12 17 35              | 282 15 59            | 13 37 53              |
| 17:33                  | 25 52 26                 | 283 17 03               | 12 03 05              | 282 16 42            | 13 38 14              |
| 17:34                  | 25 38 15                 | 283 16 55               | 11 48 34              | 282 17 25            | 13 38 34              |
| 17:35                  | 25 24 05                 | 283 16 48               | 11 34 04              | 282 18 10            | 13 38 55              |
| 17:36                  | 25 09 54                 | 283 16 41               | 11 19 34              | 282 18 55            | 13 39 15              |
| 17:37                  | 24 55 43                 | 283 16 36               | 11 05 05              | 282 19 41            | 13 39 36              |
| 17:38                  | 24 41 33                 | 283 16 32               | 10 50 36              | 282 20 28            | 13 39 57              |
| 17:39                  | 24 27 22                 | 283 16 29               | 10 36 07              | 282 21 15            | 13 40 17              |
| 17:40                  | 24 13 12                 | 283 16 27               | 10 21 38              | 282 22 04            | 13 40 38              |

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|       |          |           |          |           |          |
|-------|----------|-----------|----------|-----------|----------|
| 17:41 | 23 59 01 | 283 16 25 | 10 07 09 | 282 22 53 | 13 40 59 |
| 17:42 | 23 44 51 | 283 16 25 | 09 52 41 | 282 23 43 | 13 41 20 |
| 17:43 | 23 30 41 | 283 16 26 | 09 38 14 | 282 24 34 | 13 41 41 |
| 17:44 | 23 16 31 | 283 16 28 | 09 23 46 | 282 25 26 | 13 42 02 |
| 17:45 | 23 02 21 | 283 16 30 | 09 09 19 | 282 26 18 | 13 42 23 |
| 17:46 | 22 48 11 | 283 16 34 | 08 54 53 | 282 27 11 | 13 42 44 |
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| 17:50 | 21 51 33 | 283 16 57 | 07 57 12 | 282 30 52 | 13 44 09 |
| 17:51 | 21 37 23 | 283 17 06 | 07 42 48 | 282 31 50 | 13 44 31 |
| 17:52 | 21 23 14 | 283 17 15 | 07 28 25 | 282 32 48 | 13 44 52 |
| 17:53 | 21 09 05 | 283 17 25 | 07 14 02 | 282 33 47 | 13 45 14 |
| 17:54 | 20 54 56 | 283 17 36 | 06 59 41 | 282 34 46 | 13 45 35 |
| 17:55 | 20 40 47 | 283 17 48 | 06 45 20 | 282 35 47 | 13 45 57 |

sumber: perisian SPPFv1.3



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## DATA RUKYAH

Bulan terbenam: 19 : 26  
Umur hilal: 33 j 01 m

24-Apr-2020  
Menara UMS  
115° 10 ' 25 " T, 05° 16 ' 43 " U

Matahari terbenam: 18 : 26  
Ijtimak: 10:26 (23-4-2020)

| WAKTU M'SIA<br>(J : M) | ALTITUD BULAN<br>(D M S) | AZIMUT BULAN<br>(D M S) | ALTITUD MH<br>(D M S) | AZIMUT MH<br>(D M S) | J/LENGKUNG<br>(D M S) |
|------------------------|--------------------------|-------------------------|-----------------------|----------------------|-----------------------|
| 17:56                  | 20 26 38                 | 283 18 01               | 06 31 00              | 282 36 48            | 13 46 19              |
| 17:57                  | 20 12 29                 | 283 18 15               | 06 16 40              | 282 37 50            | 13 46 40              |
| 17:58                  | 19 58 21                 | 283 18 29               | 06 02 22              | 282 38 53            | 13 47 02              |
| 17:59                  | 19 44 12                 | 283 18 45               | 05 48 05              | 282 39 57            | 13 47 24              |
| 18:00                  | 19 30 04                 | 283 19 01               | 05 33 49              | 282 41 02            | 13 47 46              |
| 18:01                  | 19 15 56                 | 283 19 19               | 05 19 34              | 282 42 07            | 13 48 08              |
| 18:02                  | 19 01 48                 | 283 19 37               | 05 05 21              | 282 43 13            | 13 48 30              |
| 18:03                  | 18 47 40                 | 283 19 56               | 04 51 09              | 282 44 20            | 13 48 52              |
| 18:04                  | 18 33 32                 | 283 20 16               | 04 36 59              | 282 45 28            | 13 49 14              |
| 18:05                  | 18 19 25                 | 283 20 37               | 04 22 51              | 282 46 37            | 13 49 37              |
| 18:06                  | 18 05 17                 | 283 20 58               | 04 08 44              | 282 47 46            | 13 49 59              |
| 18:07                  | 17 51 10                 | 283 21 21               | 03 54 40              | 282 48 57            | 13 50 21              |
| 18:08                  | 17 37 02                 | 283 21 45               | 03 40 39              | 282 50 08            | 13 50 44              |
| 18:09                  | 17 22 55                 | 283 22 09               | 03 26 40              | 282 51 20            | 13 51 06              |
| 18:10                  | 17 08 48                 | 283 22 34               | 03 12 44              | 282 52 33            | 13 51 28              |

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24-Apr-2020  
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Matahari terbenam: 18 : 26  
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| WAKTU M'SIA<br>(J : M) | ALTITUD BULAN<br>(D M S) | AZIMUT BULAN<br>(D M S) | ALTITUD MH<br>(D M S) | AZIMUT MH<br>(D M S) | J/LENGKUNG<br>(D M S) |
|------------------------|--------------------------|-------------------------|-----------------------|----------------------|-----------------------|
| 18:11                  | 16 54 42                 | 283 23 00               | 02 58 52              | 282 53 46            | 13 51 51              |
| 18:12                  | 16 40 35                 | 283 23 27               | 02 45 04              | 282 55 01            | 13 52 14              |
| 18:13                  | 16 26 29                 | 283 23 55               | 02 31 20              | 282 56 16            | 13 52 36              |
| 18:14                  | 16 12 22                 | 283 24 24               | 02 17 40              | 282 57 32            | 13 52 59              |
| 18:15                  | 15 58 16                 | 283 24 53               | 02 04 07              | 282 58 49            | 13 53 22              |
| 18:16                  | 15 44 10                 | 283 25 23               | 01 50 39              | 283 00 07            | 13 53 45              |
| 18:17                  | 15 30 05                 | 283 25 55               | 01 37 18              | 283 01 26            | 13 54 08              |
| 18:18                  | 15 15 59                 | 283 26 27               | 01 24 05              | 283 02 45            | 13 54 30              |
| 18:19                  | 15 01 54                 | 283 27 00               | 01 11 00              | 283 04 05            | 13 54 54              |
| 18:20                  | 14 47 49                 | 283 27 33               | 00 58 04              | 283 05 27            | 13 55 17              |
| 18:21                  | 14 33 44                 | 283 28 08               | 00 45 19              | 283 06 49            | 13 55 40              |
| 18:22                  | 14 19 39                 | 283 28 43               | 00 32 44              | 283 08 12            | 13 56 03              |
| 18:23                  | 14 05 34                 | 283 29 20               | 00 20 21              | 283 09 35            | 13 56 26              |
| 18:24                  | 13 51 30                 | 283 29 57               | 00 08 07              | 283 11 00            | 13 56 49              |
| 18:25                  | 13 37 26                 | 283 30 35               | -00 04 00             | 283 12 26            | 13 57 13              |

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115° 10 ' 25 " T, 05° 16 ' 43 " U

Matahari terbenam: 18 : 26  
Ijtimak: 10:26 (23-4-2020)

| WAKTU M'SIA<br>(J : M) | ALTITUD BULAN<br>(D M S) | AZIMUT BULAN<br>(D M S) | ALTITUD MH<br>(D M S) | AZIMUT MH<br>(D M S) | J/LINGKUNG<br>(D M S) |
|------------------------|--------------------------|-------------------------|-----------------------|----------------------|-----------------------|
| 18:26                  | 13 23 22                 | 283 31 13               | -00 16 03             | 283 13 52            | 13 57 36              |
| 18:27                  | 13 09 18                 | 283 31 53               | -00 28 10             | 283 15 19            | 13 58 00              |
| 18:28                  | 12 55 15                 | 283 32 33               | -00 40 33             | 283 16 47            | 13 58 23              |
| 18:29                  | 12 41 12                 | 283 33 15               | -00 53 30             | 283 18 16            | 13 58 47              |
| 18:30                  | 12 27 09                 | 283 33 57               | -01 07 18             | 283 19 46            | 13 59 10              |
| 18:31                  | 12 13 06                 | 283 34 40               | -01 22 18             | 283 21 17            | 13 59 34              |
| 18:32                  | 11 59 04                 | 283 35 23               | -01 38 43             | 283 22 49            | 13 59 58              |
| 18:33                  | 11 45 02                 | 283 36 08               | -01 56 33             | 283 24 21            | 14 00 22              |
| 18:34                  | 11 31 00                 | 283 36 53               | -02 15 32             | 283 25 55            | 14 00 46              |
| 18:35                  | 11 16 59                 | 283 37 40               | -02 35 13             | 283 27 29            | 14 01 10              |
| 18:36                  | 11 02 57                 | 283 38 27               | -02 55 05             | 283 29 05            | 14 01 34              |
| 18:37                  | 10 48 57                 | 283 39 15               | -03 14 43             | 283 30 41            | 14 01 58              |
| 18:38                  | 10 34 56                 | 283 40 03               | -03 33 51             | 283 32 18            | 14 02 22              |
| 18:39                  | 10 20 56                 | 283 40 53               | -03 52 19             | 283 33 56            | 14 02 46              |
| 18:40                  | 10 06 56                 | 283 41 43               | -04 10 08             | 283 35 35            | 14 03 10              |

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Bulan terbenam: 19 : 26  
Umur hilal: 33 j 01 m

24-Apr-2020  
Menara UMS  
115° 10 ' 25 " T, 05° 16 ' 43 " U

Matahari terbenam: 18 : 26  
Ijtimak: 10:26 (23-4-2020)

| WAKTU M'SIA<br>(J : M) | ALTITUD BULAN<br>(D M S) | AZIMUT BULAN<br>(D M S) | ALTITUD MH<br>(D M S) | AZIMUT MH<br>(D M S) | J/LINGKUNG<br>(D M S) |
|------------------------|--------------------------|-------------------------|-----------------------|----------------------|-----------------------|
| 18:41                  | 09 52 57                 | 283 42 34               | -04 27 22             | 283 37 15            | 14 03 34              |
| 18:42                  | 09 38 58                 | 283 43 26               | -04 44 06             | 283 38 56            | 14 03 59              |
| 18:43                  | 09 25 00                 | 283 44 19               | -05 00 56             | 283 40 37            | 14 04 23              |
| 18:44                  | 09 11 02                 | 283 45 13               | -05 15 30             | 283 42 20            | 14 04 48              |
| 18:45                  | 08 57 04                 | 283 46 07               | -05 31 23             | 283 44 04            | 14 05 12              |
| 18:46                  | 08 43 07                 | 283 47 03               | -05 46 47             | 283 45 48            | 14 05 37              |
| 18:47                  | 08 29 11                 | 283 47 59               | -06 01 57             | 283 47 34            | 14 06 01              |
| 18:48                  | 08 15 15                 | 283 48 56               | -06 16 58             | 283 49 20            | 14 06 26              |
| 18:49                  | 08 01 19                 | 283 49 53               | -06 31 52             | 283 51 08            | 14 06 51              |
| 18:50                  | 07 47 24                 | 283 50 52               | -06 46 39             | 283 52 56            | 14 07 16              |
| 18:51                  | 07 33 30                 | 283 51 51               | -07 01 22             | 283 54 45            | 14 07 41              |
| 18:52                  | 07 19 37                 | 283 52 52               | -07 16 02             | 283 56 36            | 14 08 06              |
| 18:53                  | 07 05 44                 | 283 53 53               | -07 30 38             | 283 58 27            | 14 08 31              |
| 18:54                  | 06 51 52                 | 283 54 55               | -07 45 12             | 284 00 20            | 14 08 56              |
| 18:55                  | 06 38 01                 | 283 55 57               | -07 59 45             | 284 02 13            | 14 09 21              |

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| WAKTU M'SIA<br>(J : M) | ALTITUD BULAN<br>(D M S) | AZIMUT BULAN<br>(D M S) | ALTITUD MH<br>(D M S) | AZIMUT MH<br>(D M S) | J/LINGKUNG<br>(D M S) |
|------------------------|--------------------------|-------------------------|-----------------------|----------------------|-----------------------|
| 18:56                  | 06 24 11                 | 283 57 01               | -08 14 15             | 284 04 07            | 14 09 46              |
| 18:57                  | 06 10 22                 | 283 58 05               | -08 28 45             | 284 06 03            | 14 10 11              |
| 18:58                  | 05 56 34                 | 283 59 10               | -08 43 13             | 284 07 59            | 14 10 36              |
| 18:59                  | 05 42 47                 | 284 00 17               | -08 57 41             | 284 09 56            | 14 11 02              |
| 19:00                  | 05 29 01                 | 284 01 23               | -09 12 08             | 284 11 55            | 14 11 27              |
| 19:01                  | 05 15 16                 | 284 02 31               | -09 26 34             | 284 13 54            | 14 11 53              |
| 19:02                  | 05 01 33                 | 284 03 40               | -09 41 00             | 284 15 55            | 14 12 18              |
| 19:03                  | 04 47 51                 | 284 04 49               | -09 55 25             | 284 17 56            | 14 12 44              |
| 19:04                  | 04 34 11                 | 284 05 59               | -10 09 50             | 284 19 59            | 14 13 09              |
| 19:05                  | 04 20 33                 | 284 07 10               | -10 24 15             | 284 22 02            | 14 13 35              |
| 19:06                  | 04 06 57                 | 284 08 22               | -10 38 39             | 284 24 07            | 14 14 01              |
| 19:07                  | 03 53 23                 | 284 09 35               | -10 53 04             | 284 26 13            | 14 14 27              |
| 19:08                  | 03 39 52                 | 284 10 49               | -11 07 28             | 284 28 20            | 14 14 53              |
| 19:09                  | 03 26 23                 | 284 12 03               | -11 21 52             | 284 30 28            | 14 15 19              |
| 19:10                  | 03 12 57                 | 284 13 18               | -11 36 15             | 284 32 37            | 14 15 45              |

sumber: perisian SPPFv1.3



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## DATA RUKYAH

Bulan terbenam: 19 : 26

Umur hilal: 33 j 01 m

24-Apr-2020

Menara UMS

$115^{\circ} 10' 25'' \text{ T}, 05^{\circ} 16' 43'' \text{ U}$

Matahari terbenam: 18 : 26

Ijtimak: 10:26 (23-4-2020)

| WAKTU M'SIA<br>(J : M) | ALTITUD BULAN<br>(D M S) | AZIMUT BULAN<br>(D M S) | ALTITUD MH<br>(D M S) | AZIMUT MH<br>(D M S) | J/LENKUNG<br>(D M S) |
|------------------------|--------------------------|-------------------------|-----------------------|----------------------|----------------------|
| 19:11                  | 02 59 34                 | 284 14 35               | -11 50 39             | 284 34 47            | 14 16 11             |
| 19:12                  | 02 46 15                 | 284 15 52               | -12 05 02             | 284 36 58            | 14 16 37             |
| 19:13                  | 02 33 00                 | 284 17 09               | -12 19 26             | 284 39 10            | 14 17 03             |
| 19:14                  | 02 19 50                 | 284 18 28               | -12 33 49             | 284 41 24            | 14 17 29             |
| 19:15                  | 02 06 44                 | 284 19 48               | -12 48 12             | 284 43 38            | 14 17 55             |
| 19:16                  | 01 53 44                 | 284 21 08               | -13 02 35             | 284 45 54            | 14 18 22             |
| 19:17                  | 01 40 51                 | 284 22 29               | -13 16 58             | 284 48 11            | 14 18 48             |
| 19:18                  | 01 28 04                 | 284 23 52               | -13 31 21             | 284 50 29            | 14 19 15             |
| 19:19                  | 01 15 25                 | 284 25 15               | -13 45 44             | 284 52 48            | 14 19 41             |
| 19:20                  | 01 02 55                 | 284 26 38               | -14 00 07             | 284 55 08            | 14 20 08             |
| 19:21                  | 00 50 33                 | 284 28 03               | -14 14 30             | 284 57 30            | 14 20 34             |
| 19:22                  | 00 38 22                 | 284 29 29               | -14 28 52             | 284 59 52            | 14 21 01             |
| 19:23                  | 00 26 20                 | 284 30 55               | -14 43 14             | 285 02 16            | 14 21 28             |
| 19:24                  | 00 14 29                 | 284 32 23               | -14 57 37             | 285 04 41            | 14 21 55             |
| 19:25                  | 00 02 46                 | 284 33 51               | -15 11 59             | 285 07 08            | 14 22 22             |

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