



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

Bulan Terbenam : 20:19:00		13/01/2024		Matahari Terbenam : 18:23:00	
Umur Hilal : 48j 22m		Ijtimak : 19:57:00 (2024-01-11)			
Waktu	Altitud Bulan	Azimuth Bulan	Altitud MH	Azimuth MH	Jarak Lengkung
17:23	38° 01' 52"	239° 54' 50"	13° 02' 27"	246° 27' 00"	25° 26' 39"
17:24	37° 49' 23"	240° 02' 10"	12° 48' 50"	246° 29' 44"	25° 27' 03"
17:25	37° 36' 54"	240° 09' 27"	12° 35' 12"	246° 32' 28"	25° 27' 27"
17:26	37° 24' 23"	240° 16' 40"	12° 21' 35"	246° 35' 09"	25° 27' 51"
17:27	37° 11' 52"	240° 23' 50"	12° 07' 58"	246° 37' 49"	25° 28' 16"
17:28	36° 59' 20"	240° 30' 55"	11° 54' 20"	246° 40' 27"	25° 28' 40"
17:29	36° 46' 47"	240° 37' 57"	11° 40' 43"	246° 43' 04"	25° 29' 04"
17:30	36° 34' 13"	240° 44' 56"	11° 27' 05"	246° 45' 39"	25° 29' 28"
17:31	36° 21' 39"	240° 51' 51"	11° 13' 27"	246° 48' 13"	25° 29' 52"
17:32	36° 09' 03"	240° 58' 42"	10° 59' 49"	246° 50' 45"	25° 30' 17"
17:33	35° 56' 27"	241° 05' 30"	10° 46' 11"	246° 53' 15"	25° 30' 41"
17:34	35° 43' 50"	241° 12' 14"	10° 32' 33"	246° 55' 44"	25° 31' 06"
17:35	35° 31' 12"	241° 18' 55"	10° 18' 56"	246° 58' 11"	25° 31' 30"
17:36	35° 18' 33"	241° 25' 32"	10° 05' 18"	247° 00' 37"	25° 31' 55"
17:37	35° 05' 53"	241° 32' 06"	09° 51' 40"	247° 03' 01"	25° 32' 20"
17:38	34° 53' 13"	241° 38' 36"	09° 38' 02"	247° 05' 23"	25° 32' 44"
17:39	34° 40' 32"	241° 45' 04"	09° 24' 24"	247° 07' 44"	25° 33' 09"
17:40	34° 27' 50"	241° 51' 28"	09° 10' 46"	247° 10' 04"	25° 33' 34"
17:41	34° 15' 08"	241° 57' 48"	08° 57' 09"	247° 12' 22"	25° 33' 59"
17:42	34° 02' 24"	242° 04' 06"	08° 43' 31"	247° 14' 38"	25° 34' 24"
17:43	33° 49' 40"	242° 10' 20"	08° 29' 54"	247° 16' 53"	25° 34' 48"
17:44	33° 36' 56"	242° 16' 32"	08° 16' 17"	247° 19' 07"	25° 35' 14"
17:45	33° 24' 10"	242° 22' 40"	08° 02' 40"	247° 21' 19"	25° 35' 39"
17:46	33° 11' 24"	242° 28' 45"	07° 49' 03"	247° 23' 29"	25° 36' 04"
17:47	32° 58' 37"	242° 34' 46"	07° 35' 27"	247° 25' 38"	25° 36' 29"
17:48	32° 45' 50"	242° 40' 45"	07° 21' 51"	247° 27' 46"	25° 36' 54"
17:49	32° 33' 01"	242° 46' 41"	07° 08' 15"	247° 29' 52"	25° 37' 19"
17:50	32° 20' 13"	242° 52' 34"	06° 54' 40"	247° 31' 57"	25° 37' 45"
17:51	32° 07' 23"	242° 58' 24"	06° 41' 05"	247° 34' 00"	25° 38' 10"
17:52	31° 54' 33"	243° 04' 11"	06° 27' 31"	247° 36' 02"	25° 38' 36"

Sumber : Perisian AIMS



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Waktu	Altitud Bulan	Azimuth Bulan	Altitud MH	Azimuth MH	Jarak Lengkung
17:53	31° 41' 42"	243° 09' 55"	06° 13' 57"	247° 38' 02"	25° 39' 01"
17:54	31° 28' 51"	243° 15' 36"	06° 00' 24"	247° 40' 01"	25° 39' 27"
17:55	31° 15' 59"	243° 21' 15"	05° 46' 52"	247° 41' 58"	25° 39' 52"
17:56	31° 03' 06"	243° 26' 50"	05° 33' 20"	247° 43' 54"	25° 40' 18"
17:57	30° 50' 13"	243° 32' 23"	05° 19' 50"	247° 45' 49"	25° 40' 44"
17:58	30° 37' 19"	243° 37' 53"	05° 06' 20"	247° 47' 42"	25° 41' 10"
17:59	30° 24' 25"	243° 43' 21"	04° 52' 52"	247° 49' 34"	25° 41' 35"
18:00	30° 11' 30"	243° 48' 45"	04° 39' 25"	247° 51' 24"	25° 42' 01"
18:01	29° 58' 34"	243° 54' 07"	04° 25' 59"	247° 53' 13"	25° 42' 27"
18:02	29° 45' 38"	243° 59' 27"	04° 12' 35"	247° 55' 01"	25° 42' 53"
18:03	29° 32' 41"	244° 04' 43"	03° 59' 12"	247° 56' 47"	25° 43' 19"
18:04	29° 19' 44"	244° 09' 57"	03° 45' 52"	247° 58' 32"	25° 43' 46"
18:05	29° 06' 46"	244° 15' 09"	03° 32' 33"	248° 00' 15"	25° 44' 12"
18:06	28° 53' 48"	244° 20' 18"	03° 19' 17"	248° 01' 57"	25° 44' 38"
18:07	28° 40' 49"	244° 25' 24"	03° 06' 04"	248° 03' 38"	25° 45' 04"
18:08	28° 27' 50"	244° 30' 28"	02° 52' 54"	248° 05' 17"	25° 45' 31"
18:09	28° 14' 50"	244° 35' 29"	02° 39' 47"	248° 06' 55"	25° 45' 57"
18:10	28° 01' 49"	244° 40' 28"	02° 26' 45"	248° 08' 32"	25° 46' 24"
18:11	27° 48' 48"	244° 45' 25"	02° 13' 46"	248° 10' 07"	25° 46' 50"
18:12	27° 35' 47"	244° 50' 19"	02° 00' 53"	248° 11' 41"	25° 47' 17"
18:13	27° 22' 45"	244° 55' 10"	01° 48' 04"	248° 13' 13"	25° 47' 43"
18:14	27° 09' 43"	244° 59' 59"	01° 35' 22"	248° 14' 44"	25° 48' 10"
18:15	26° 56' 40"	245° 04' 46"	01° 22' 47"	248° 16' 14"	25° 48' 37"
18:16	26° 43' 37"	245° 09' 31"	01° 10' 20"	248° 17' 42"	25° 49' 04"
18:17	26° 30' 33"	245° 14' 13"	00° 58' 01"	248° 19' 10"	25° 49' 31"
18:18	26° 17' 29"	245° 18' 53"	00° 45' 50"	248° 20' 35"	25° 49' 58"
18:19	26° 04' 24"	245° 23' 31"	00° 33' 50"	248° 22' 00"	25° 50' 25"
18:20	25° 51' 19"	245° 28' 06"	00° 21' 59"	248° 23' 23"	25° 50' 52"
18:21	25° 38' 13"	245° 32' 39"	00° 10' 17"	248° 24' 45"	25° 51' 19"
18:22	25° 25' 07"	245° 37' 10"	-00° 01' 18"	248° 26' 05"	25° 51' 46"

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18:23	25° 12' 01"	245° 41' 39"	-00° 12' 48"	248° 27' 24"	25° 52' 13"
18:24	24° 58' 54"	245° 46' 05"	-00° 24' 21"	248° 28' 42"	25° 52' 41"
18:25	24° 45' 46"	245° 50' 30"	-00° 36' 05"	248° 29' 58"	25° 53' 08"
18:26	24° 32' 39"	245° 54' 52"	-00° 48' 12"	248° 31' 13"	25° 53' 35"
18:27	24° 19' 31"	245° 59' 12"	-01° 01' 01"	248° 32' 27"	25° 54' 03"
18:28	24° 06' 22"	246° 03' 30"	-01° 14' 47"	248° 33' 40"	25° 54' 30"
18:29	23° 53' 13"	246° 07' 46"	-01° 29' 47"	248° 34' 51"	25° 54' 58"
18:30	23° 40' 04"	246° 12' 00"	-01° 46' 06"	248° 36' 01"	25° 55' 26"
18:31	23° 26' 54"	246° 16' 12"	-02° 03' 39"	248° 37' 09"	25° 55' 53"
18:32	23° 13' 44"	246° 20' 21"	-02° 22' 07"	248° 38' 16"	25° 56' 21"
18:33	23° 00' 34"	246° 24' 29"	-02° 41' 04"	248° 39' 22"	25° 56' 49"
18:34	22° 47' 23"	246° 28' 35"	-03° 00' 04"	248° 40' 27"	25° 57' 17"
18:35	22° 34' 12"	246° 32' 38"	-03° 18' 47"	248° 41' 30"	25° 57' 45"
18:36	22° 21' 01"	246° 36' 40"	-03° 37' 00"	248° 42' 32"	25° 58' 13"
18:37	22° 07' 49"	246° 40' 40"	-03° 54' 36"	248° 43' 33"	25° 58' 41"
18:38	21° 54' 37"	246° 44' 38"	-04° 11' 37"	248° 44' 32"	25° 59' 09"
18:39	21° 41' 24"	246° 48' 34"	-04° 28' 06"	248° 45' 30"	25° 59' 37"
18:40	21° 28' 11"	246° 52' 28"	-04° 44' 08"	248° 46' 27"	26° 00' 06"
18:41	21° 14' 58"	246° 56' 20"	-05° 00' 12"	248° 47' 23"	26° 00' 34"
18:42	21° 01' 45"	247° 00' 10"	-05° 14' 09"	248° 48' 17"	26° 01' 02"
18:43	20° 48' 31"	247° 03' 58"	-05° 29' 31"	248° 49' 10"	26° 01' 31"
18:44	20° 35' 17"	247° 07' 45"	-05° 44' 20"	248° 50' 01"	26° 01' 59"
18:45	20° 22' 02"	247° 11' 29"	-05° 58' 56"	248° 50' 52"	26° 02' 28"
18:46	20° 08' 47"	247° 15' 12"	-06° 13' 22"	248° 51' 40"	26° 02' 57"
18:47	19° 55' 32"	247° 18' 53"	-06° 27' 42"	248° 52' 28"	26° 03' 25"
18:48	19° 42' 17"	247° 22' 33"	-06° 41' 56"	248° 53' 14"	26° 03' 54"
18:49	19° 29' 02"	247° 26' 10"	-06° 56' 06"	248° 54' 00"	26° 04' 23"
18:50	19° 15' 46"	247° 29' 46"	-07° 10' 12"	248° 54' 43"	26° 04' 52"
18:51	19° 02' 29"	247° 33' 20"	-07° 24' 15"	248° 55' 26"	26° 05' 21"
18:52	18° 49' 13"	247° 36' 52"	-07° 38' 17"	248° 56' 07"	26° 05' 50"

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18:53	18° 35' 56"	247° 40' 22"	-07° 52' 16"	248° 56' 47"	26° 06' 19"
18:54	18° 22' 39"	247° 43' 51"	-08° 06' 14"	248° 57' 25"	26° 06' 48"
18:55	18° 09' 22"	247° 47' 18"	-08° 20' 11"	248° 58' 02"	26° 07' 17"
18:56	17° 56' 05"	247° 50' 43"	-08° 34' 07"	248° 58' 38"	26° 07' 47"
18:57	17° 42' 47"	247° 54' 07"	-08° 48' 03"	248° 59' 13"	26° 08' 16"
18:58	17° 29' 29"	247° 57' 29"	-09° 01' 58"	248° 59' 46"	26° 08' 45"
18:59	17° 16' 11"	248° 00' 49"	-09° 15' 52"	249° 00' 18"	26° 09' 15"
19:00	17° 02' 53"	248° 04' 08"	-09° 29' 46"	249° 00' 49"	26° 09' 44"
19:01	16° 49' 34"	248° 07' 25"	-09° 43' 40"	249° 01' 18"	26° 10' 14"
19:02	16° 36' 15"	248° 10' 40"	-09° 57' 33"	249° 01' 46"	26° 10' 44"
19:03	16° 22' 56"	248° 13' 54"	-10° 11' 27"	249° 02' 13"	26° 11' 13"
19:04	16° 09' 37"	248° 17' 06"	-10° 25' 20"	249° 02' 38"	26° 11' 43"
19:05	15° 56' 18"	248° 20' 17"	-10° 39' 13"	249° 03' 02"	26° 12' 13"
19:06	15° 42' 58"	248° 23' 26"	-10° 53' 06"	249° 03' 25"	26° 12' 43"
19:07	15° 29' 38"	248° 26' 33"	-11° 07' 00"	249° 03' 46"	26° 13' 13"
19:08	15° 16' 18"	248° 29' 39"	-11° 20' 53"	249° 04' 07"	26° 13' 43"
19:09	15° 02' 58"	248° 32' 44"	-11° 34' 46"	249° 04' 25"	26° 14' 13"
19:10	14° 49' 38"	248° 35' 46"	-11° 48' 39"	249° 04' 43"	26° 14' 43"
19:11	14° 36' 18"	248° 38' 48"	-12° 02' 33"	249° 04' 59"	26° 15' 13"
19:12	14° 22' 57"	248° 41' 47"	-12° 16' 26"	249° 05' 13"	26° 15' 43"
19:13	14° 09' 36"	248° 44' 46"	-12° 30' 19"	249° 05' 27"	26° 16' 14"
19:14	13° 56' 15"	248° 47' 43"	-12° 44' 13"	249° 05' 39"	26° 16' 44"
19:15	13° 42' 54"	248° 50' 38"	-12° 58' 06"	249° 05' 49"	26° 17' 15"
19:16	13° 29' 33"	248° 53' 32"	-13° 12' 00"	249° 05' 59"	26° 17' 45"
19:17	13° 16' 12"	248° 56' 24"	-13° 25' 53"	249° 06' 07"	26° 18' 16"
19:18	13° 02' 51"	248° 59' 15"	-13° 39' 47"	249° 06' 13"	26° 18' 46"
19:19	12° 49' 29"	249° 02' 04"	-13° 53' 41"	249° 06' 19"	26° 19' 17"
19:20	12° 36' 08"	249° 04' 52"	-14° 07' 35"	249° 06' 22"	26° 19' 48"
19:21	12° 22' 46"	249° 07' 39"	-14° 21' 29"	249° 06' 25"	26° 20' 19"
19:22	12° 09' 25"	249° 10' 24"	-14° 35' 23"	249° 06' 26"	26° 20' 50"

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