

METEOROLOGICAL SERVICE, JAMAICA

BEGINNING OF MORNING AND END OF EVENING CIVIL TWILIGHT 2011 (PRELIMINARY)

NORMAN MANLEY INTERNATIONAL AIRPORT

FOR MORANT POINT LIGHTHOUSE	SUBTRACT	2 MINUTES
FOR MANDEVILLE	ADD	3 MINUTES
FOR SANGSTER INTERNATIONAL AIRPORT	ADD	5 MINUTES
FOR NEGRIL POINT LIGHTHOUSE	ADD	6 MINUTES

	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE	
DAY	START	END	START	END	START	END	START	END	START	END	START	END
1	6:15	18:07	6:17	18:24	6:04	18:35	5:40	18:42	5:18	18:51	5:07	19:03
2	6:15	18:07	6:17	18:25	6:03	18:35	5:39	18:43	5:17	18:51	5:07	19:03
3	6:15	18:08	6:17	18:25	6:03	18:36	5:38	18:43	5:17	18:51	5:07	19:04
4	6:16	18:08	6:16	18:26	6:02	18:36	5:37	18:43	5:16	18:52	5:07	19:04
5	6:16	18:09	6:16	18:26	6:01	18:36	5:37	18:43	5:16	18:52	5:07	19:04
6	6:16	18:10	6:16	18:27	6:01	18:37	5:36	18:44	5:15	18:53	5:07	19:05
7	6:17	18:10	6:15	18:27	6:00	18:37	5:35	18:44	5:15	18:53	5:07	19:05
8	6:17	18:11	6:15	18:28	5:59	18:37	5:34	18:44	5:14	18:53	5:07	19:06
9	6:17	18:11	6:15	18:28	5:58	18:37	5:33	18:44	5:14	18:54	5:07	19:06
10	6:17	18:12	6:14	18:29	5:58	18:38	5:33	18:45	5:13	18:54	5:07	19:06
11	6:17	18:13	6:14	18:29	5:57	18:38	5:32	18:45	5:13	18:54	5:07	19:07
12	6:18	18:13	6:14	18:29	5:56	18:38	5:31	18:45	5:12	18:55	5:07	19:07
13	6:18	18:14	6:13	18:30	5:55	18:38	5:30	18:45	5:12	18:55	5:07	19:07
14	6:18	18:14	6:13	18:30	5:55	18:38	5:30	18:46	5:12	18:56	5:07	19:07
15	6:18	18:15	6:12	18:31	5:54	18:39	5:29	18:46	5:11	18:56	5:07	19:08
16	6:18	18:16	6:12	18:31	5:53	18:39	5:28	18:46	5:11	18:56	5:08	19:08
17	6:18	18:16	6:11	18:31	5:52	18:39	5:27	18:46	5:10	18:57	5:08	19:08
18	6:18	18:17	6:11	18:32	5:51	18:39	5:27	18:47	5:10	18:57	5:08	19:09
19	6:18	18:17	6:10	18:32	5:51	18:40	5:26	18:47	5:10	18:58	5:08	19:09
20	6:18	18:18	6:10	18:32	5:50	18:40	5:25	18:47	5:09	18:58	5:08	19:09
21	6:18	18:19	6:09	18:33	5:49	18:40	5:24	18:48	5:09	18:58	5:09	19:09
22	6:18	18:19	6:08	18:33	5:48	18:40	5:24	18:48	5:09	18:59	5:09	19:09
23	6:18	18:20	6:08	18:33	5:47	18:40	5:23	18:48	5:09	18:59	5:09	19:10
24	6:18	18:20	6:07	18:34	5:46	18:41	5:22	18:48	5:08	19:00	5:09	19:10
25	6:18	18:21	6:07	18:34	5:46	18:41	5:22	18:49	5:08	19:00	5:09	19:10
26	6:18	18:21	6:06	18:34	5:45	18:41	5:21	18:49	5:08	19:01	5:10	19:10
27	6:18	18:22	6:05	18:35	5:44	18:41	5:20	18:49	5:08	19:01	5:10	19:10
28	6:18	18:22	6:05	18:35	5:43	18:42	5:20	18:50	5:08	19:01	5:10	19:10
29	6:18	18:23	0:00	0:00	5:42	18:42	5:19	18:50	5:07	19:02	5:11	19:10
30	6:18	18:23	0:00	0:00	5:42	18:42	5:19	18:50	5:07	19:02	5:11	19:11
31	6:17	18:24	0:00	0:00	5:41	18:42	0:00	0:00	5:07	19:03	0:00	0:00

TIMES ARE BASED ON THE 24-HOUR CLOCK

IF TIME IS 0:00, MONTH HAS 28, 29 OR 30 DAYS

METEOROLOGICAL SERVICE, JAMAICA

BEGINNING OF MORNING AND END OF EVENING CIVIL TWILIGHT 2011 (PRELIMINARY)

NORMAN MANLEY INTERNATIONAL AIRPORT

FOR MORANT POINT LIGHTHOUSE	SUBTRACT	2 MINUTES
FOR MANDEVILLE	ADD	3 MINUTES
FOR SANGSTER INTERNATIONAL AIRPORT	ADD	5 MINUTES
FOR NEGRIL POINT LIGHTHOUSE	ADD	6 MINUTES

DAY	JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER	
	START	END	START	END	START	END	START	END	START	END	START	END
1	5:11	19:11	5:22	19:04	5:31	18:43	5:36	18:18	5:44	17:57	5:59	17:54
2	5:12	19:11	5:23	19:04	5:31	18:42	5:36	18:17	5:44	17:57	5:59	17:54
3	5:12	19:11	5:23	19:03	5:31	18:42	5:36	18:16	5:45	17:57	6:00	17:54
4	5:12	19:11	5:23	19:03	5:31	18:41	5:36	18:15	5:45	17:56	6:00	17:54
5	5:13	19:11	5:24	19:02	5:32	18:40	5:36	18:14	5:45	17:56	6:01	17:54
6	5:13	19:11	5:24	19:02	5:32	18:39	5:37	18:14	5:46	17:56	6:01	17:55
7	5:13	19:11	5:24	19:01	5:32	18:38	5:37	18:13	5:46	17:55	6:02	17:55
8	5:14	19:11	5:25	19:01	5:32	18:37	5:37	18:12	5:47	17:55	6:03	17:55
9	5:14	19:11	5:25	19:00	5:32	18:36	5:37	18:11	5:47	17:55	6:03	17:56
10	5:14	19:11	5:25	18:59	5:32	18:36	5:37	18:11	5:47	17:54	6:04	17:56
11	5:15	19:10	5:26	18:59	5:33	18:35	5:38	18:10	5:48	17:54	6:04	17:56
12	5:15	19:10	5:26	18:58	5:33	18:34	5:38	18:09	5:48	17:54	6:05	17:57
13	5:15	19:10	5:26	18:57	5:33	18:33	5:38	18:08	5:49	17:54	6:05	17:57
14	5:16	19:10	5:27	18:57	5:33	18:32	5:38	18:08	5:49	17:54	6:06	17:57
15	5:16	19:10	5:27	18:56	5:33	18:31	5:39	18:07	5:50	17:53	6:07	17:58
16	5:17	19:10	5:27	18:55	5:33	18:30	5:39	18:06	5:50	17:53	6:07	17:58
17	5:17	19:09	5:27	18:55	5:33	18:30	5:39	18:06	5:51	17:53	6:08	17:59
18	5:17	19:09	5:28	18:54	5:34	18:29	5:39	18:05	5:51	17:53	6:08	17:59
19	5:18	19:09	5:28	18:53	5:34	18:28	5:40	18:04	5:52	17:53	6:09	18:00
20	5:18	19:09	5:28	18:53	5:34	18:27	5:40	18:04	5:52	17:53	6:09	18:00
21	5:18	19:08	5:28	18:52	5:34	18:26	5:40	18:03	5:53	17:53	6:10	18:01
22	5:19	19:08	5:29	18:51	5:34	18:25	5:40	18:03	5:53	17:53	6:10	18:01
23	5:19	19:08	5:29	18:50	5:34	18:24	5:41	18:02	5:54	17:53	6:11	18:02
24	5:20	19:08	5:29	18:50	5:35	18:24	5:41	18:01	5:55	17:53	6:11	18:02
25	5:20	19:07	5:29	18:49	5:35	18:23	5:41	18:01	5:55	17:53	6:12	18:03
26	5:20	19:07	5:30	18:48	5:35	18:22	5:42	18:00	5:56	17:53	6:12	18:03
27	5:21	19:06	5:30	18:47	5:35	18:21	5:42	18:00	5:56	17:53	6:13	18:04
28	5:21	19:06	5:30	18:47	5:35	18:20	5:42	17:59	5:57	17:53	6:13	18:04
29	5:21	19:06	5:30	18:46	5:35	18:19	5:43	17:59	5:57	17:53	6:13	18:05
30	5:22	19:05	5:30	18:45	5:36	18:18	5:43	17:58	5:58	17:53	6:14	18:05
31	5:22	19:05	5:31	18:44	0:00	0:00	5:43	17:58	0:00	0:00	6:14	18:06

TIMES ARE BASED ON THE 24-HOUR CLOCK

IF TIME IS 0.00, MONTH HAS 30 DAYS