

PORTO DE SÃO SEBASTIÃO (ESTADO DE SÃO PAULO)

Latitude: 23°48,6'S  
Instituição: DHESP

Longitude: 045°23,9'W  
24 Componentes

Fuso: +03.0  
Nível Médio: 0.68

Ano: 2016  
Carta: 1644

Janeiro

Fevereiro

Março

Janeiro			Fevereiro			Março											
Dia	Hora	Alt.(m)	Dia	Hora	Alt.(m)	Dia	Hora	Alt.(m)	Dia	Hora	Alt.(m)	Dia	Hora	Alt.(m)			
SEX 01	01:08 05:45 14:00 18:15	0.4 0.9 0.5 0.8	DOM 17	02:26 06:11 08:26 11:08 15:26 23:11	0.4 0.8 0.7 0.8 0.5 0.9	SEG 01	01:54 06:08 15:08 21:15	0.5 0.8 0.5 0.8	TER 16	03:06 06:06 09:00 11:51 16:02	0.6 0.7 0.6 0.8 0.4	TER 01	01:06 05:17 14:24 20:17	0.6 0.8 0.5 0.8	QUA 16	02:47 05:24 08:53 11:32 15:32	0.7 0.8 0.6 0.7 0.4
SÁB 02	01:56 06:36 15:00 20:28	0.5 0.8 0.5 0.8	SEG 18	03:39 08:49 11:58 16:39	0.5 0.7 0.8 0.4	TER 02	03:11 10:51 16:11 22:53	0.6 0.8 0.4 0.9	QUA 17	00:08 04:45 08:04 12:23 17:23	1.0 0.6 0.7 0.8 0.3	QUA 02	02:47 05:56 07:49 10:43 15:34 22:49	0.6 0.7 0.7 0.8 0.4 0.9	QUI 17	00:02 04:21 06:36 09:04 12:06 16:56	1.0 0.7 0.7 0.7 0.8 0.4
DOM 03	02:54 10:21 16:00 22:00	0.5 0.8 0.4 0.9	TER 19	00:09 05:02 12:34 17:45	1.0 0.5 0.9 0.3	QUI 03	05:04 11:39 17:17 23:56	0.6 0.9 0.3 1.0	QUI 18	00:58 06:08 12:54 18:26	1.0 0.6 0.9 0.2	QUI 03	05:08 11:34 16:43 23:56	0.6 0.9 0.4 1.0	SEX 18	00:47 05:51 12:39 18:04	1.0 0.6 0.9 0.3
SEG 04	04:00 11:04 16:58 23:04	0.5 0.9 0.4 1.0	QUA 20	00:58 06:17 12:58 18:41	1.1 0.5 0.9 0.2	SEX 04	06:32 12:21 18:17	0.5 1.0 0.2	SEX 19	01:34 06:54 12:56 19:13	1.1 0.5 0.9 0.1	SEX 04	06:34 12:13 17:49	0.5 1.0 0.2	SÁB 19	01:13 06:30 12:41 18:53	1.1 0.5 0.9 0.2
TER 05	05:21 11:45 17:51	0.5 1.0 0.3	QUI 21	01:41 07:06 12:38 19:28	1.1 0.4 1.0 0.1	SÁB 05	00:47 07:21 13:02 19:08	1.1 0.4 1.1 0.1	SÁB 20	02:00 07:30 12:32 19:54	1.1 0.4 1.0 0.0	SÁB 05	00:43 07:09 12:56 18:45	1.1 0.4 1.1 0.1	DOM 20	01:38 07:04 12:24 19:32	1.1 0.4 1.0 0.1
QUA 06	00:00 06:32 12:23 18:41	1.0 0.4 1.1 0.2	SEX 22	02:13 07:49 12:36 20:11	1.2 0.3 1.0 0.0	DOM 06	01:30 08:00 13:41 19:56	1.2 0.3 1.1 0.0	DOM 21	02:19 08:04 13:02 20:34	1.2 0.3 1.1 0.0	DOM 06	01:21 07:45 13:36 19:36	1.2 0.3 1.1 0.0	SEG 21	01:41 07:39 12:49 20:06	1.1 0.2 1.2 0.1
QUI 07	00:47 07:24 13:02 19:28	1.1 0.3 1.1 0.1	SÁB 23	02:39 08:26 13:08 20:54	1.2 0.3 1.1 0.0	SEG 07	02:09 08:41 14:21 20:41	1.3 0.3 1.2 -0.1	SEG 22	02:23 08:41 13:36 21:08	1.2 0.2 1.2 0.0	SEG 07	01:56 08:19 14:13 20:19	1.3 0.2 1.2 -0.1	TER 22	01:41 08:13 13:21 20:41	1.2 0.2 1.2 0.1
SEX 08	01:32 08:08 13:39 20:13	1.2 0.3 1.1 0.0	DOM 24	02:45 09:02 13:45 21:34	1.2 0.3 1.2 0.0	SEG 08	02:43 09:17 14:51 21:23	1.3 0.2 1.2 -0.1	TER 23	02:30 09:15 14:11 21:43	1.2 0.2 1.3 0.0	TER 08	02:28 08:54 14:45 21:02	1.3 0.2 1.2 -0.1	QUA 23	02:00 08:49 14:00 21:11	1.2 0.1 1.3 0.1
SÁB 09	02:13 08:51 14:15 20:56	1.3 0.3 1.1 0.0	SEG 25	03:02 09:41 14:19 22:08	1.2 0.3 1.2 0.0	TER 09	03:13 09:54 15:23 22:04	1.2 0.3 1.1 -0.1	QUA 24	02:54 09:53 14:51 22:11	1.2 0.2 1.2 0.1	QUA 09	02:43 09:32 15:21 21:45	1.2 0.2 1.2 -0.1	QUI 24	02:23 09:24 14:36 21:43	1.2 0.1 1.3 0.1
DOM 10	02:47 09:34 14:41 21:41	1.3 0.3 1.1 0.0	TER 26	03:19 10:19 15:00 22:45	1.2 0.3 1.2 0.1	QUI 10	03:23 10:34 15:24 22:47	1.2 0.3 1.1 0.0	QUI 25	03:15 10:30 15:24 22:43	1.2 0.2 1.2 0.2	QUI 10	02:56 10:06 15:26 22:26	1.2 0.2 1.2 0.0	SEX 25	02:51 10:00 15:09 22:11	1.2 0.2 1.2 0.2
SEG 11	03:21 10:11 15:06 22:23	1.2 0.3 1.0 0.0	QUA 27	03:45 10:58 15:38 23:17	1.1 0.3 1.1 0.2	SEX 11	03:38 11:09 15:49 23:28	1.1 0.4 1.0 0.1	SEX 26	03:43 11:06 16:00 23:11	1.1 0.3 1.1 0.3	SEX 11	03:09 10:45 15:39 23:06	1.1 0.3 1.1 0.2	SÁB 26	03:13 10:39 15:45 22:41	1.2 0.2 1.2 0.3
TER 12	03:38 10:54 15:19 23:06	1.2 0.4 1.0 0.0	QUI 28	04:09 11:41 16:13 23:49	1.1 0.4 1.1 0.3	SÁB 12	04:00 11:53 16:13	1.0 0.4 1.0	SÁB 27	04:06 11:49 16:36 23:39	1.1 0.3 1.1 0.4	SÁB 12	03:30 11:28 16:08 23:51	1.0 0.3 1.0 0.3	DOM 27	03:39 11:17 16:15 23:13	1.1 0.3 1.1 0.4
QUA 13	04:02 11:39 15:51 23:53	1.1 0.5 1.0 0.1	SEX 29	04:38 12:24 16:56	1.0 0.4 1.0	SÁB 13	00:11 04:23 12:43 16:56 19:08 20:11	0.3 1.0 0.5 0.9 0.8 0.8	DOM 28	04:28 12:34 17:09	1.0 0.4 1.0	DOM 13	03:58 12:15 16:45	1.0 0.4 0.9	SEG 28	04:02 12:00 16:51 23:45	1.0 0.3 1.0 0.5
QUI 14	04:24 12:26 16:17	1.0 0.5 0.9	SÁB 30	00:21 05:02 13:11 17:41	0.4 0.9 0.5 0.9	DOM 14	01:00 04:56 08:04 09:49 13:41 17:41 19:36 21:53	0.4 0.9 0.7 0.7 0.8 0.8 0.8 0.8	SEG 29	00:13 04:56 13:24 17:58	0.5 0.9 0.5 0.9	SEG 13	00:38 04:21 08:00 09:11 13:09 17:21 19:15 21:38	0.5 0.9 0.6 0.6 0.4 0.8 0.8 0.8	TER 29	04:21 12:53 17:26	0.9 0.4 0.9
SEX 15	00:39 04:58 13:17 17:02 19:04 20:56	0.2 0.9 0.5 0.8 0.8 0.8	DOM 31	00:58 05:30 14:06 18:49	0.5 0.9 0.5 0.8	SEG 15	01:56 05:26 08:30 10:58 14:49 23:06	0.5 0.8 0.6 0.7 0.5 0.9	TER 15	01:32 04:56 08:17 10:41 14:15 23:00	0.6 0.9 0.6 0.7 0.4 0.9	TER 15	01:32 04:56 08:17 10:41 14:15 23:00	0.6 0.9 0.6 0.7 0.4 0.9	QUA 30	00:49 04:53 08:04 13:53 18:23	0.6 0.8 0.7 0.4 0.9
SÁB 16	01:28 05:32 08:02 10:06 14:17 18:00 19:24 22:06	0.4 0.8 0.7 0.8 0.5 0.8 0.7 0.8															

Fases da lua: Crescente Cheia Minguante Nova

As horas listadas não são corrigidas para o horário de verão

PORTO DE SÃO SEBASTIÃO (ESTADO DE SÃO PAULO)

Latitude: 23°48,6'S  
Instituição: DHESP

Longitude: 045°23,9'W  
24 Componentes

Fuso: +03.0  
Nível Médio:0.68

Ano: 2016  
Carta: 1644

Abril

Maio

Junho

Abril			Maio			Junho											
Dia	Hora	Alt.(m)	Dia	Hora	Alt.(m)	Dia	Hora	Alt.(m)	Dia	Hora	Alt.(m)	Dia	Hora	Alt.(m)			
SEX 01	05:56 11:13 16:06 23:45	0.6 0.8 0.3 1.0	SÁB 16	00:19 05:02 12:04 17:24	1.0 0.6 0.8 0.3	DOM 01	05:24 11:38 16:39	0.5 0.9 0.3	SEG 16	00:08 05:04 10:53 17:26	0.9 0.5 0.9 0.4	QUA 01	00:23 06:06 12:45 18:17	1.0 0.3 1.1 0.2	SEX 17	00:06 06:45 12:28 19:13	1.1 0.2 1.1 0.3
SÁB 02	06:15 11:58 17:13	0.5 1.0 0.3	DOM 17	00:49 05:53 11:51 18:19	1.0 0.5 0.9 0.3	SEG 02	00:06 06:08 12:19 17:45	1.1 0.4 1.0 0.2	TER 17	00:11 05:51 11:24 18:17	1.0 0.3 1.0 0.4	QUI 02	00:53 06:51 13:30 19:11	1.0 0.2 1.2 0.2	SÁB 18	00:43 07:30 13:13 19:58	1.1 0.1 1.2 0.3
DOM 03	00:28 06:47 12:41 18:15	1.1 0.4 1.1 0.1	SEG 18	00:58 06:30 11:58 18:58	1.0 0.3 1.0 0.2	TER 03	00:45 06:45 13:00 18:43	1.1 0.3 1.1 0.1	QUA 18	00:09 06:34 12:06 18:58	1.0 0.2 1.1 0.3	SEX 03	01:13 07:38 14:11 20:00	1.0 0.1 1.2 0.2	DOM 19	01:19 08:13 13:54 20:43	1.1 0.1 1.2 0.3
SEG 04	01:04 07:17 13:19 19:09	1.2 0.3 1.2 0.0	TER 19	00:53 07:08 12:26 19:36	1.1 0.2 1.1 0.2	QUA 04	01:15 07:21 13:41 19:34	1.1 0.2 1.2 0.1	QUI 19	00:30 07:13 12:45 19:38	1.1 0.2 1.2 0.3	SÁB 04	01:09 08:21 14:49 20:47	1.1 0.1 1.2 0.2	SEG 20	01:56 08:56 14:34 21:26	1.1 0.1 1.2 0.3
TER 05	01:38 07:53 13:56 19:56	1.2 0.2 1.2 0.0	QUA 20	01:06 07:45 13:06 20:08	1.1 0.1 1.2 0.2	SEX 05	01:34 08:00 14:21 20:21	1.1 0.1 1.3 0.1	SEX 20	01:02 07:54 13:24 20:17	1.2 0.1 1.2 0.2	DOM 05	01:23 09:06 15:30 21:32	1.1 0.0 1.2 0.3	TER 21	02:28 09:41 15:11 22:08	1.1 0.0 1.2 0.3
QUA 06	02:04 08:28 14:34 20:41	1.2 0.2 1.3 0.0	QUI 21	01:26 08:21 13:43 20:43	1.2 0.1 1.3 0.2	SEX 06	01:36 08:41 14:51 21:04	1.1 0.1 1.3 0.1	SÁB 21	01:32 08:36 14:04 20:54	1.2 0.1 1.2 0.2	SEG 06	01:54 09:54 15:39 22:11	1.1 0.0 1.2 0.3	QUA 22	02:58 10:23 15:39 22:54	1.0 0.1 1.2 0.4
QUI 07	02:19 09:04 15:09 21:24	1.2 0.1 1.3 0.0	SEX 22	01:56 08:58 14:17 21:15	1.2 0.1 1.3 0.2	DOM 07	01:53 09:23 15:28 21:49	1.1 0.1 1.2 0.2	DOM 22	02:04 09:15 14:41 21:36	1.2 0.1 1.2 0.3	TER 07	02:23 10:41 16:09 22:56	1.1 0.1 1.1 0.4	QUI 23	03:19 11:06 16:09 23:43	1.0 0.1 1.1 0.5
SEX 08	02:21 09:43 15:24 22:06	1.1 0.1 1.2 0.1	SÁB 23	02:23 09:38 14:56 21:49	1.2 0.1 1.2 0.2	DOM 08	02:11 10:08 15:34 22:32	1.1 0.1 1.2 0.3	SEG 23	02:34 09:56 15:17 22:15	1.1 0.1 1.2 0.3	QUA 08	03:00 11:24 16:23 23:43	1.1 0.1 1.0 0.5	SEX 24	03:51 11:53 16:38 24:00	0.9 0.2 1.0 0.5
SÁB 09	02:41 10:24 15:34 22:49	1.1 0.2 1.2 0.2	DOM 24	02:53 10:15 15:26 22:24	1.2 0.2 1.2 0.3	SEG 09	02:43 10:54 16:04 23:13	1.0 0.1 1.1 0.4	TER 24	03:02 10:41 15:49 23:00	1.0 0.1 1.1 0.4	QUI 09	03:39 12:08 16:56	1.0 0.2 0.9	SÁB 25	00:34 04:15 12:41 17:11	0.5 0.9 0.2 1.0
DOM 10	03:04 11:08 16:04 23:32	1.0 0.2 1.1 0.4	SEG 25	03:13 10:54 16:00 23:00	1.1 0.2 1.1 0.4	QUA 10	03:09 11:45 16:28	1.0 0.2 1.0	QUA 25	03:23 11:24 16:21 23:51	1.0 0.2 1.1 0.5	SEX 10	00:30 04:15 12:56 17:26 19:17 21:08	0.5 1.0 0.3 0.8 0.8 0.8	DOM 26	01:30 05:00 06:56 08:49 13:32 17:58 19:54 21:36	0.6 0.8 0.8 0.8 0.3 0.9 0.8 0.9
SEG 11	03:30 11:58 16:36	1.0 0.3 1.0	TER 26	03:41 11:41 16:32 23:47	1.0 0.3 1.1 0.5	QUA 11	00:00 03:47 12:36 17:08 18:53 20:47	0.5 1.0 0.3 0.9 0.8 0.9	QUI 26	03:56 12:11 16:58	0.9 0.2 1.0	SÁB 11	01:21 05:06 13:43 18:17 19:53 22:17	0.6 0.9 0.4 0.8 0.8 0.8	SEG 27	02:28 06:02 07:00 09:54 14:26 19:00 19:58 22:45	0.6 0.7 0.7 0.8 0.3 0.8 0.8 0.9
TER 12	00:15 04:00 08:41 12:54 17:11 19:00 21:13	0.5 0.9 0.6 0.3 0.9 0.8 0.9	QUA 27	04:02 12:32 17:09	0.9 0.3 1.0	QUI 12	00:54 04:19 08:04 09:04 13:24 17:58 19:02 22:06	0.6 0.9 0.6 0.6 0.3 0.8 0.8 0.9	SEX 27	00:54 04:19 06:58 08:02 13:02 17:39	0.6 0.8 0.7 0.7 0.3 0.9	SÁB 12	01:21 05:06 13:43 18:17 19:53 22:17	0.6 0.9 0.4 0.8 0.8 0.8	DOM 28	03:30 10:53 15:32 23:34	0.5 0.9 0.4 0.9
QUA 13	01:09 04:32 08:06 10:02 13:54 18:09 19:08 22:45	0.6 0.9 0.6 0.6 0.4 0.7 0.7 0.9	SEX 29	02:24 05:00 07:13 09:56 14:26 22:23	0.6 0.7 0.6 0.7 0.4 0.9	SÁB 13	01:56 05:04 08:30 10:08 14:19 23:04	0.6 0.8 0.7 0.7 0.4 0.9	DOM 29	03:11 06:51 10:17 14:58 23:00	0.6 0.7 0.8 0.3 0.9	QUI 13	03:13 08:38 15:19 23:17	0.5 0.8 0.5 0.9	QUA 29	04:34 11:47 16:43	0.4 1.0 0.4
QUI 14	02:17 05:06 08:38 11:00 15:00 23:43	0.7 0.8 0.6 0.7 0.4 0.9	SÁB 30	04:04 06:54 10:53 15:32 23:23	0.6 0.6 0.8 0.3 1.0	DOM 14	03:00 06:23 08:58 10:54 15:17 23:49	0.6 0.8 0.7 0.7 0.4 0.9	SEG 30	04:21 11:09 16:02 23:49	0.5 0.9 0.3 1.0	QUA 14	04:11 10:02 16:19 23:13	0.4 0.9 0.5 0.9	QUI 30	00:09 05:32 12:38 17:56	0.9 0.3 1.1 0.4
SEX 15	03:45 06:15 08:56 11:45 16:11	0.7 0.7 0.7 0.8 0.4	DOM 15	04:06 11:08 16:23	0.6 0.8 0.4	TER 31	05:19 11:58 17:11	0.4 1.0 0.3	QUI 16	05:58 11:45 18:24	0.3 1.0 0.4	SEX 16	05:58 11:45 18:24	0.3 1.0 0.4			

Fases da lua: Crescente Cheia Minguante Nova

As horas listadas não são corrigidas para o horário de verão

PORTO DE SÃO SEBASTIÃO (ESTADO DE SÃO PAULO)

Latitude: 23°48,6'S  
Instituição: DHESP

Longitude: 045°23,9'W  
24 Componentes

Fuso: +03.0  
Nível Médio:0.68

Ano: 2016  
Carta: 1644

Julho

Agosto

Setembro

Julho			Agosto			Setembro									
Dia	Hora	Alt.(m)	Dia	Hora	Alt.(m)	Dia	Hora	Alt.(m)	Dia	Hora	Alt.(m)	Dia	Hora	Alt.(m)	
SEX 01	00:43	0.9	SEG 18	01:17	1.1	SEG 01	00:30	1.0	QUI 18	02:32	1.2	QUI 01	01:17	1.2	
	06:28	0.2		07:54	0.1		07:51	0.0	☀️	09:00	-0.1	☀️	08:51	0.0	
	13:23	1.1		13:49	1.2		14:34	1.2	☀️	14:43	1.3	☀️	14:19	1.2	
	18:56	0.3		20:34	0.3		20:08	0.3		21:34	0.2	☀️	20:56	0.2	
SÁB 02	00:45	1.0	TER 19	01:56	1.1	TER 02	00:56	1.1	SEX 19	03:09	1.2	SEX 02	01:54	1.2	
	07:17	0.1		08:39	0.0	☀️	08:36	0.0	☀️	09:43	-0.1	☀️	09:24	0.0	
	14:04	1.2	☀️	14:28	1.2	☀️	14:51	1.2		15:08	1.2		14:34	1.1	
	19:47	0.3		21:13	0.3		20:49	0.3		22:09	0.3		21:36	0.2	
DOM 03	00:39	1.0	QUA 20	02:32	1.1	QUA 03	01:26	1.1	SÁB 20	03:24	1.1	SÁB 03	02:28	1.2	
	08:06	0.0		09:21	0.0		09:15	0.0		10:24	0.0		09:58	0.1	
	14:45	1.2		15:02	1.2		15:04	1.2		15:21	1.1		15:00	1.2	
	20:30	0.3		21:54	0.3		21:26	0.3		22:49	0.3		22:11	0.2	
SEG 04	01:06	1.1	QUI 21	03:08	1.1	QUI 04	02:04	1.2	DOM 21	03:38	1.1	DOM 04	03:06	1.2	
☀️	08:53	0.0		10:04	0.0		09:54	0.0		11:06	0.1		10:30	0.2	
	15:21	1.2		15:26	1.2		15:11	1.1		15:45	1.1		15:23	1.1	
	21:09	0.3		22:38	0.4		22:04	0.3		23:32	0.4		22:53	0.3	
TER 05	01:38	1.1	SEX 22	03:23	1.0	SEX 05	02:45	1.2	SEG 22	04:04	1.0	SEG 05	03:45	1.2	
	09:38	0.0		10:47	0.0		10:32	0.1		11:53	0.2		11:00	0.3	
	15:34	1.2		15:51	1.1		15:28	1.1		16:06	1.0		15:51	1.1	
	21:53	0.3		23:17	0.4		22:45	0.3		TER 23	00:19	0.4		23:36	0.3
QUA 06	02:11	1.1	SÁB 23	03:47	1.0	SÁB 06	03:19	1.2	TER 23	04:39	0.9	TER 06	04:19	1.1	
	10:19	0.0		11:30	0.1		11:04	0.2		12:39	0.4		11:30	0.4	
	15:38	1.1		16:11	1.0		15:58	1.1		16:38	0.9		16:11	1.0	
	22:34	0.4	DOM 24	00:02	0.5	DOM 07	04:02	1.1	QUA 24	01:13	0.5	QUA 07	00:19	0.4	
QUI 07	02:54	1.1		04:11	0.9		11:41	0.3		05:17	0.8		04:58	1.0	
	11:00	0.1		12:13	0.2		16:19	1.0		07:04	0.8		12:00	0.5	
	16:04	1.0		16:43	1.0	SEG 08	00:08	0.4	QUI 08	09:08	0.9	QUI 08	01:08	0.4	
	23:13	0.4	SEG 25	00:53	0.5		04:43	1.0		13:36	0.5		05:41	0.9	
SEX 08	03:30	1.1		04:54	0.9		12:11	0.4		17:06	0.8		12:51	0.6	
	11:41	0.2		06:56	0.8		16:51	1.0		20:06	0.6		17:02	0.8	
	16:24	1.0		13:02	0.3	TER 09	00:58	0.4	QUI 25	02:15	0.5	SEX 09	02:06	0.5	
SÁB 09	00:00	0.4		17:11	0.9		05:24	0.9		06:21	0.8		06:53	0.8	
	04:09	1.0		20:00	0.8		12:49	0.5	☾	10:36	0.9	☾	14:19	0.6	
	12:17	0.3		21:06	0.8		17:13	0.9		14:43	0.6		17:36	0.7	
	16:58	0.9	TER 26	01:49	0.5	QUA 10	01:53	0.5		17:51	0.8		19:43	0.7	
DOM 10	00:49	0.5		05:43	0.8		06:24	0.9		20:39	0.6		22:11	0.8	
	05:00	1.0	☾	07:04	0.8	☾	13:38	0.5		23:15	0.7	SÁB 10	03:08	0.4	
	12:58	0.4		09:26	0.8		17:53	0.8		SEX 26	03:28	0.4		10:08	0.9
	17:26	0.9		13:58	0.4	QUI 11	02:49	0.5		11:43	1.0		16:11	0.6	
SEG 11	01:41	0.5		17:56	0.8		08:24	0.8		16:08	0.6		23:06	0.8	
	05:56	0.9		20:09	0.7		14:47	0.6		18:58	0.7	DOM 11	04:13	0.4	
	13:39	0.5	QUA 27	02:51	0.5		22:15	0.8		20:54	0.7		11:23	1.0	
	18:08	0.8		10:41	0.9	SEX 12	03:51	0.4	SÁB 27	00:00	0.8		18:04	0.5	
TER 12	02:34	0.5		15:02	0.5		10:09	0.9		04:45	0.4		23:51	0.9	
	07:26	0.8		18:51	0.7		16:15	0.6		12:32	1.0	SEG 12	05:19	0.3	
	14:24	0.5		20:43	0.7		23:09	0.9		17:39	0.6		12:11	1.1	
	21:17	0.8		23:23	0.8	SÁB 13	04:51	0.4	DOM 28	00:36	0.9		18:45	0.4	
QUA 13	03:28	0.5	QUI 28	03:56	0.4		11:23	1.0		05:53	0.3	TER 13	00:28	1.0	
	09:11	0.8		11:43	1.0		18:00	0.5		13:09	1.1		06:15	0.2	
	15:24	0.5		16:19	0.5		23:54	1.0		18:32	0.5		12:53	1.2	
	22:30	0.9	SEX 29	00:04	0.8	DOM 14	05:51	0.3		SEG 29	00:54	0.9		19:19	0.3
QUI 14	04:24	0.4		05:04	0.4		12:17	1.1		06:49	0.1	QUA 14	01:08	1.1	
	10:26	0.9		12:36	1.1		18:56	0.4		13:45	1.1		07:06	0.0	
	16:43	0.5		17:45	0.5	SEG 15	00:36	1.0		19:09	0.4		13:28	1.2	
	23:13	0.9	SÁB 30	00:41	0.9		06:43	0.2	TER 30	00:34	1.0		19:54	0.2	
SEX 15	05:23	0.3		06:08	0.2		13:02	1.2		07:34	0.1	QUI 15	01:45	1.2	
	11:26	1.0		13:19	1.1		19:39	0.3		14:08	1.2		07:54	0.0	
	18:02	0.5		18:45	0.4	TER 16	01:15	1.1		19:47	0.3		13:56	1.3	
	23:56	1.0	DOM 31	00:56	0.9		07:32	0.1	QUA 31	00:45	1.1		20:30	0.2	
SÁB 16	06:17	0.2		07:02	0.1		13:41	1.2		08:11	0.0	SEX 16	02:24	1.2	
	12:19	1.1		13:58	1.2		20:15	0.3		14:19	1.2		08:38	-0.1	
	19:02	0.4		19:30	0.4	QUA 17	01:54	1.2		20:21	0.2	☀️	14:23	1.2	
DOM 17	00:36	1.1					08:17	0.0					21:04	0.2	
	07:06	0.1					14:17	1.3							
	13:06	1.2					20:54	0.2							
	19:49	0.3													

Fases da lua: ☾ Crescente ☀️ Cheia ☾ Minguante ☀️ Nova

As horas listadas não são corrigidas para o horário de verão

PORTO DE SÃO SEBASTIÃO (ESTADO DE SÃO PAULO)

Latitude: 23°48,6'S  
Instituição: DHESP

Longitude: 045°23,9'W  
24 Componentes

Fuso: +03.0  
Nível Médio:0.68

Ano: 2016  
Carta: 1644

Outubro

Novembro

Dezembro

Outubro			Novembro			Dezembro														
Dia	Hora	Alt.(m)	Dia	Hora	Alt.(m)	Dia	Hora	Alt.(m)	Dia	Hora	Alt.(m)	Dia	Hora	Alt.(m)						
SÁB 01	01:39 08:53 14:02 21:04	1.3 0.1 1.2 0.1	SEG 17	03:15 09:43 14:21 21:58	1.2 0.1 1.1 0.1	TER 01	02:34 09:30 14:32 21:56	1.3 0.3 1.2 0.1	QUI 17	03:45 10:53 14:56 23:19	1.1 0.4 1.0 0.2	QUI 01	03:00 09:53 14:49 22:19	1.2 0.3 1.1 0.1	SEX 16	04:19 10:36 14:47 23:00	1.1 0.4 1.1 0.1			
DOM 02	02:13 09:24 14:26 21:43	1.3 0.1 1.2 0.1	TER 18	03:24 10:24 14:49 22:45	1.2 0.2 1.1 0.2	QUA 02	03:09 10:04 15:00 22:38	1.2 0.3 1.1 0.2	SEX 18	04:13 11:41 15:23	1.0 0.5 1.0	SEX 02	03:30 10:36 15:13 23:00	1.2 0.4 1.0 0.2	SÁB 17	04:11 11:19 15:15 23:49	1.0 0.5 1.0 0.1			
SEG 03	02:53 09:56 14:56 22:21	1.3 0.2 1.2 0.2	QUA 19	03:47 11:08 15:08 23:36	1.1 0.4 1.0 0.3	QUI 03	03:43 10:39 15:23 23:21	1.2 0.4 1.0 0.3	SÁB 19	00:08 04:47 06:11 08:08 12:34 16:00 20:41	0.2 0.9 0.9 0.9 0.6 0.9 0.6	SÁB 03	04:04 11:23 15:43 23:47	1.1 0.5 0.9 0.2	DOM 18	04:30 12:04 16:00	1.0 0.5 1.0	SEG 19	00:32 05:02 07:04 08:45 12:58 16:45	0.3 0.9 0.8 0.6 0.9
TER 04	03:24 10:26 15:19 23:00	1.2 0.3 1.1 0.3	QUI 20	04:15 11:58 15:43	1.0 0.5 0.9	SEX 04	04:15 11:26 15:53	1.1 0.5 0.9	DOM 20	01:02 05:23 06:53 09:43 13:36 16:47 20:02 21:53	0.3 0.8 0.8 0.9 0.6 0.9 0.6 0.7	DOM 04	04:36 12:19 16:06	1.0 0.6 0.9	SEG 05	00:38 05:11 13:28 16:47 19:00 20:47	0.3 1.0 0.6 0.8 0.7 0.7	TER 20	01:15 05:38 07:43 10:02 13:56 17:39	0.4 0.8 0.8 0.8 0.6 0.8
QUA 05	04:00 10:54 15:47 23:47	1.1 0.4 1.0 0.3	SEX 21	00:32 04:56 06:39 08:49 12:56 16:08 19:41 21:38	0.3 0.9 0.8 0.9 0.6 0.9 0.6 0.6	SÁB 05	00:08 04:54 12:32 16:11	0.3 1.0 0.6 0.8	DOM 06	01:02 05:36 13:58 16:51 19:04 21:21	0.4 0.9 0.6 0.7 0.7 0.7	SEG 06	01:30 06:04 07:56 09:06 14:43 17:36 18:58 21:53	0.3 0.9 0.9 0.9 0.6 0.7 0.7 0.8	QUA 21	02:04 06:24 08:00 10:58 14:56 19:17	0.4 0.7 0.7 0.8 0.5 0.8			
QUI 06	04:34 11:32 16:06	1.0 0.5 0.9	SÁB 22	01:30 06:56 10:11 14:02 16:51 20:04 22:38	0.4 0.7 0.9 0.7 0.8 0.6 0.7	SEG 07	02:00 09:51 15:26 18:56 22:21	0.4 0.9 0.6 0.6 0.8	TER 22	02:58 11:34 15:47 23:19	0.4 0.9 0.6 0.8	QUA 07	02:28 10:34 15:53 22:49	0.3 0.9 0.6 0.9	QUI 22	03:00 11:34 15:56 21:43	0.5 0.8 0.5 0.8			
SEX 07	00:38 05:09 12:32 16:36	0.4 1.0 0.6 0.8	DOM 23	02:36 11:13 15:21 17:45 20:24 23:19	0.4 1.0 0.7 0.7 0.6 0.8	QUA 08	03:04 10:58 16:56 23:09	0.3 1.0 0.5 0.9	QUA 23	04:02 12:02 16:45 23:32	0.4 0.9 0.5 0.9	SEX 08	03:34 11:23 16:54 23:38	0.3 1.0 0.5 1.0	DOM 23	04:04 11:43 16:53 22:45	0.5 0.9 0.4 0.9			
SÁB 08	01:36 06:04 14:08 17:00 19:23 21:58	0.4 0.9 0.6 0.7 0.7 0.7	SEG 24	03:47 12:00 16:41 23:56	0.4 1.0 0.6 0.8	QUI 09	04:08 11:41 17:43 23:56	0.3 1.0 0.4 1.0	QUI 24	05:09 12:21 17:34 23:24	0.4 1.0 0.4 1.0	SEX 09	04:43 12:02 17:45	0.3 1.0 0.4	SÁB 24	05:15 11:34 17:45 23:30	0.5 0.9 0.5 1.0			
DOM 09	02:38 10:06 16:08 22:53	0.4 0.9 0.6 0.8	TER 25	04:56 12:34 17:32	0.4 1.0 0.5	SEX 10	05:13 12:17 18:21	0.2 1.1 0.3	SEX 25	06:02 12:15 18:17 23:53	0.4 1.0 0.2 1.1	SÁB 10	00:23 05:51 12:39 18:30	1.1 0.3 1.0 0.2	DOM 25	06:17 11:56 18:32	0.4 1.0 0.2			
TER 11	04:47 11:58 18:21	0.3 1.1 0.4	QUA 26	00:13 05:54 12:53 18:11	0.9 0.3 1.0 0.4	SÁB 11	01:17 07:08 13:17 19:36	1.2 0.1 1.1 0.1	DOM 26	00:28 07:23 12:43 19:38	1.1 0.3 1.1 0.1	SEG 11	01:08 06:51 13:04 19:15	1.2 0.2 1.0 0.1	TER 26	00:15 07:04 12:28 19:17	1.1 0.4 1.1 0.1			
QUA 12	00:11 05:47 12:36 18:53	1.0 0.2 1.2 0.3	QUI 27	00:06 06:39 12:53 18:47	1.0 0.2 1.1 0.2	DOM 12	01:56 07:56 13:28 20:15	1.3 0.1 1.1 0.1	SEG 27	01:08 07:58 13:13 20:17	1.2 0.3 1.2 0.1	SEX 12	01:53 07:41 13:15 19:58	1.2 0.2 1.1 0.1	QUA 27	00:58 07:45 13:04 19:58	1.2 0.3 1.1 0.1			
QUI 13	00:53 06:41 13:08 19:26	1.1 0.1 1.2 0.2	SEX 28	00:15 07:15 12:51 19:24	1.1 0.2 1.1 0.1	SEG 13	02:36 08:43 13:38 20:58	1.3 0.1 1.1 0.1	TER 28	01:47 08:38 13:49 20:56	1.2 0.3 1.2 0.1	TER 13	02:36 08:28 13:17 20:45	1.3 0.2 1.1 0.0	QUA 28	01:38 08:26 13:41 20:41	1.2 0.3 1.2 0.0			
SEX 14	01:32 07:30 13:36 20:00	1.2 0.0 1.2 0.2	SÁB 29	00:47 07:51 13:08 20:00	1.2 0.2 1.2 0.1	TER 14	03:17 09:26 14:00 21:43	1.3 0.2 1.1 0.1	QUA 29	02:23 09:15 14:17 21:39	1.2 0.3 1.2 0.1	QUA 14	03:17 09:09 13:41 21:32	1.3 0.2 1.1 0.0	QUI 29	02:17 09:06 14:15 21:21	1.2 0.3 1.2 0.0			
SÁB 15	02:09 08:15 13:53 20:39	1.3 0.0 1.2 0.1	DOM 30	01:21 08:23 13:34 20:39	1.3 0.2 1.2 0.1	QUA 15	03:32 10:08 14:21 22:32	1.2 0.3 1.1 0.1	QUI 30	03:43 09:53 14:08 22:15	1.2 0.3 1.1 0.0	SEX 30	02:51 09:47 14:47 22:00	1.2 0.3 1.1 0.0	DOM 30	02:51 09:47 14:47 22:00	1.2 0.3 1.1 0.0			
DOM 16	02:39 08:58 14:08 21:17	1.3 0.0 1.2 0.1	SEG 31	02:00 08:56 14:04 21:17	1.3 0.2 1.2 0.1	SÁB 16	03:23 09:28 14:47 21:43	1.2 0.4 1.0 0.1	SÁB 31	03:23 09:28 14:47 21:43	1.2 0.4 1.0 0.1	SÁB 31	03:23 09:28 14:47 21:43	1.2 0.4 1.0 0.1						

Fases da lua: ☾ Crescente ☽ Cheia 🌑 Minguante 🌒 Nova

As horas listadas não são corrigidas para o horário de verão