

PORTO DE SÃO SEBASTIÃO (ESTADO DE SÃO PAULO)

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

Longitude: 045°23',9W  
24 Componentes

Fuso: +03.0  
Nível Médio: 68.38

Ano: 2012  
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)			
DOM 01	01:43 06:00 14:47 20:56	0.4 0.9 0.5 0.8	TER 17	03:11 06:08 08:11 11:30 15:54	0.6 0.7 0.6 0.8 0.4	QUA 01	02:53 06:56 16:02 23:09	0.6 0.8 0.5 0.9	QUI 16	00:08 08:30 12:02 16:38	0.9 0.6 0.8 0.3	QUI 01	02:21 05:54 15:11 23:00	0.6 0.8 0.5 0.9	SEX 16	00:06 08:17 11:45 16:09	0.9 0.6 0.8 0.3
SEG 02	02:34 07:00 15:51 22:19	0.5 0.8 0.5 0.9	QUA 18	00:00 05:28 12:11 17:00	0.9 0.6 0.9 0.3	QUI 02	04:19 10:39 17:17	0.6 0.8 0.4	SEX 17	00:58 07:02 12:41 17:49	1.0 0.6 0.9 0.2	SEX 02	04:02 10:49 16:34 23:58	0.6 0.8 0.4 1.0	SÁB 17	00:49 06:51 12:17 17:23	1.0 0.6 0.9 0.3
TER 03	03:36 09:23 16:54 23:19	0.5 0.8 0.4 0.9	QUI 19	00:54 06:49 12:53 18:06	1.0 0.5 0.9 0.2	SEX 03	00:06 05:54 11:38 18:21	1.0 0.5 0.9 0.3	SÁB 18	01:32 07:13 13:08 18:45	1.1 0.5 1.0 0.1	SÁB 03	05:43 11:39 17:47	0.5 0.9 0.3	DOM 18	01:13 06:51 12:49 18:21	1.0 0.5 1.0 0.2
QUA 04	04:51 10:45 17:53	0.5 0.9 0.3	SEX 20	01:36 07:23 13:23 19:00	1.1 0.5 1.0 0.1	SÁB 04	00:51 06:53 12:23 19:08	1.1 0.4 1.0 0.2	DOM 19	01:58 07:41 13:34 19:32	1.1 0.4 1.1 0.0	DOM 04	00:39 06:38 12:21 18:41	1.1 0.4 1.0 0.2	SEG 19	01:38 07:09 13:08 19:06	1.1 0.4 1.1 0.1
QUI 05	00:09 06:02 11:38 18:43	1.0 0.5 1.0 0.2	SÁB 21	02:08 07:58 13:43 19:51	1.2 0.4 1.0 0.0	DOM 05	01:32 07:38 13:04 19:51	1.2 0.3 1.1 0.1	SEG 20	02:17 08:06 13:36 20:11	1.1 0.3 1.1 -0.1	SEG 05	01:15 07:15 12:58 19:28	1.2 0.3 1.1 0.1	TER 20	01:38 07:39 13:19 19:47	1.1 0.3 1.2 0.0
SEX 06	00:54 07:00 12:21 19:26	1.1 0.4 1.1 0.2	DOM 22	02:38 08:32 13:39 20:36	1.2 0.3 1.1 -0.1	SEG 06	02:08 08:15 13:41 20:32	1.3 0.2 1.2 0.0	TER 21	02:13 08:39 13:51 20:51	1.2 0.3 1.2 -0.1	TER 06	01:51 07:53 13:36 20:09	1.3 0.2 1.2 0.0	QUA 21	01:21 08:09 13:34 20:21	1.1 0.2 1.2 0.0
SÁB 07	01:38 07:47 13:02 20:08	1.2 0.3 1.1 0.1	SEG 23	02:41 09:04 14:00 21:15	1.2 0.3 1.1 -0.1	TER 07	02:43 08:54 14:17 21:09	1.3 0.2 1.2 0.0	QUA 22	02:11 09:11 14:19 21:26	1.2 0.2 1.2 0.0	QUA 07	02:24 08:30 14:09 20:51	1.3 0.2 1.2 0.0	QUI 22	01:32 08:43 14:06 20:56	1.2 0.1 1.3 0.1
DOM 08	02:17 08:32 13:39 20:49	1.3 0.3 1.1 0.0	TER 24	02:39 09:39 14:26 21:54	1.2 0.3 1.2 -0.1	QUA 08	03:17 09:32 14:41 21:51	1.3 0.2 1.2 0.0	QUI 23	02:28 09:45 14:54 22:00	1.2 0.2 1.2 0.0	QUI 08	02:51 09:04 14:34 21:32	1.2 0.1 1.2 0.0	SEX 23	01:58 09:17 14:38 21:28	1.2 0.1 1.3 0.1
SEG 09	02:54 09:11 14:13 21:30	1.3 0.3 1.1 0.0	QUA 25	03:00 10:13 15:02 22:32	1.2 0.3 1.2 0.0	QUI 09	03:34 10:08 15:08 22:30	1.2 0.2 1.2 0.0	SEX 24	02:56 10:19 15:24 22:32	1.2 0.2 1.2 0.1	SEX 09	03:11 09:43 14:58 22:09	1.2 0.2 1.2 0.1	SÁB 24	02:23 09:51 15:09 22:00	1.2 0.2 1.2 0.2
TER 10	03:30 09:53 14:43 22:08	1.2 0.3 1.1 0.0	QUI 26	03:23 10:51 15:38 23:04	1.1 0.3 1.1 0.1	SÁB 10	03:39 10:47 15:30 23:06	1.1 0.3 1.1 0.2	SÁB 25	03:19 10:54 16:00 23:02	1.2 0.3 1.1 0.2	SÁB 10	03:09 10:21 15:21 22:49	1.1 0.2 1.2 0.2	DOM 25	02:56 10:26 15:45 22:34	1.2 0.2 1.2 0.3
QUA 11	03:53 10:34 15:09 22:49	1.2 0.3 1.1 0.1	SEX 27	03:53 11:28 16:13 23:41	1.1 0.4 1.1 0.2	SÁB 11	03:54 11:28 16:02 23:47	1.0 0.3 1.1 0.3	DOM 26	03:51 11:30 16:32 23:36	1.1 0.4 1.0 0.3	DOM 11	03:17 11:04 15:54 23:28	1.0 0.2 1.1 0.4	SEG 26	03:19 10:58 16:15 23:08	1.2 0.3 1.1 0.4
QUI 12	04:13 11:13 15:41 23:28	1.1 0.4 1.0 0.2	SÁB 28	04:15 12:06 16:54	1.1 0.4 1.0	DOM 12	04:06 12:13 16:41	0.9 0.4 1.0	SEG 27	04:11 12:06 17:06	1.1 0.4 1.0	SEG 12	03:41 11:53 16:24	0.9 0.3 1.0	TER 27	03:51 11:38 16:47 23:49	1.1 0.4 1.0 0.5
SEX 13	04:19 11:56 16:09	1.0 0.4 1.0	DOM 29	00:11 04:47 12:54 17:36	0.3 1.0 0.5 0.9	SEG 13	00:30 04:30 07:38 08:58 13:08 17:19 20:11	0.5 0.9 0.7 0.7 0.4 0.9 0.8	TER 28	00:11 04:45 12:54 17:45	0.5 1.0 0.5 0.9	TER 13	00:09 04:00 07:21 08:34 12:49 17:06 19:53 21:02	0.5 0.9 0.6 0.6 0.3 0.9 0.8 0.8	QUA 28	04:13 12:24 17:19	1.0 0.4 0.9
SÁB 14	00:09 04:43 12:49 16:56	0.3 0.9 0.5 0.9	SEG 30	00:53 05:13 13:49 18:45	0.4 1.0 0.5 0.8	SÁB 14	01:23 04:54 08:00 10:17 14:09 18:17 20:06 23:00	0.6 0.8 0.6 0.7 0.4 0.8 0.8 0.8	QUA 29	01:02 05:09 14:00 21:08	0.6 0.9 0.5 0.8	SÁB 14	01:04 04:17 07:47 09:58 13:53 18:00 19:56 23:06	0.7 0.8 0.6 0.7 0.4 0.8 0.7 0.9	QUI 29	00:47 04:51 13:26 18:17 20:54	0.6 0.9 0.5 0.8 0.8
DOM 15	00:58 05:04 07:36 09:21 13:45 17:45 20:06 21:09	0.4 0.8 0.7 0.8 0.5 0.9 0.8 0.8	TER 31	01:43 05:54 14:54 21:41	0.5 0.9 0.5 0.8	QUA 15	02:51 05:04 08:19 11:15 15:21	0.7 0.8 0.6 0.7 0.4	QUI 30	02:38 04:32 08:06 10:58 14:58	0.8 0.8 0.6 0.7 0.4	QUI 15	02:38 04:32 08:06 10:58 14:58	0.8 0.8 0.6 0.7 0.4	SÁB 31	03:47 10:36 15:51 23:37	0.6 0.8 0.4 1.0

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

As horas listadas não são corrigidas para o horário de verão

PORTO DE SÃO SEBASTIÃO (ESTADO DE SÃO PAULO)

Latitude: 23°48',6S  
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24 Componentes

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Nível Médio:68.38

Ano: 2012  
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)			
DOM 01	05:09 11:23 17:02	0.5 0.9 0.3	SEG 16	00:51 06:04 12:17 17:43	1.0 0.5 1.0 0.3	TER 01	05:19 11:43 17:28	0.4 1.0 0.3	QUA 16	00:08 05:51 11:53 17:45 23:23	0.9 0.4 1.0 0.4 1.0	SEX 01	00:47 06:15 12:58 19:09	1.0 0.2 1.1 0.3	SÁB 16	06:45 12:39 18:51	0.2 1.1 0.4
SEG 02	00:15 06:04 12:04 18:06	1.1 0.4 1.0 0.2	TER 17	01:00 06:36 12:32 18:32	1.0 0.4 1.1 0.2	QUA 02	00:30 06:06 12:24 18:34	1.1 0.3 1.1 0.2	QUI 17	06:32 12:21 18:34 23:54	0.3 1.1 0.3 1.1	SÁB 02	01:21 07:06 13:43 20:00	1.0 0.1 1.2 0.3	DOM 17	00:04 07:30 13:21 19:39	1.1 0.2 1.1 0.3
TER 03	00:54 06:45 12:45 19:00	1.2 0.3 1.1 0.1	QUA 18	00:30 07:06 12:45 19:11	1.0 0.3 1.1 0.2	QUI 03	01:04 06:49 13:06 19:26	1.1 0.2 1.2 0.2	SEX 18	07:11 12:54 19:17	0.2 1.1 0.3	DOM 03	01:43 07:56 14:30 20:47	1.0 0.0 1.2 0.3	SEG 18	00:47 08:11 14:02 20:24	1.1 0.1 1.2 0.3
QUA 04	01:28 07:23 13:23 19:47	1.2 0.2 1.2 0.0	QUI 19	00:30 07:41 13:15 19:49	1.1 0.2 1.2 0.2	SEX 04	01:38 07:32 13:43 20:13	1.1 0.1 1.2 0.2	SÁB 19	00:24 07:51 13:30 19:58	1.1 0.1 1.2 0.3	SEG 04	01:41 08:45 15:11 21:30	1.0 0.0 1.2 0.3	TER 19	01:23 08:53 14:41 21:08	1.2 0.1 1.2 0.3
QUI 05	02:00 08:00 13:53 20:32	1.2 0.1 1.3 0.0	SEX 20	00:58 08:15 13:47 20:24	1.2 0.1 1.2 0.2	SÁB 05	02:02 08:15 14:23 20:58	1.1 0.1 1.3 0.2	DOM 20	01:02 08:30 14:09 20:39	1.2 0.1 1.2 0.3	TER 05	01:58 09:34 15:28 22:09	1.0 -0.1 1.2 0.4	QUA 20	02:02 09:34 15:21 21:53	1.1 0.1 1.2 0.3
SEX 06	02:28 08:39 14:26 21:11	1.2 0.1 1.3 0.1	SÁB 21	01:26 08:51 14:21 21:00	1.2 0.1 1.2 0.2	DOM 06	02:09 08:58 14:43 21:41	1.1 0.0 1.2 0.3	SEG 21	01:38 09:09 14:47 21:21	1.2 0.1 1.2 0.3	QUA 06	02:19 10:21 15:36 22:53	1.0 0.0 1.1 0.5	SEX 21	02:38 10:11 15:51 22:36	1.1 0.1 1.2 0.3
SÁB 07	02:34 09:19 14:45 21:54	1.1 0.1 1.3 0.2	DOM 22	02:00 09:28 14:58 21:38	1.2 0.1 1.2 0.2	TER 07	02:11 09:47 15:17 22:23	1.0 0.0 1.2 0.4	QUA 22	02:09 09:49 15:23 22:02	1.2 0.1 1.2 0.3	QUI 07	02:56 11:06 16:04 23:38	1.0 0.0 1.0 0.5	SÁB 22	03:09 10:51 16:23 23:19	1.1 0.1 1.1 0.4
DOM 08	02:38 10:00 15:13 22:36	1.0 0.1 1.2 0.3	SEG 23	02:28 10:04 15:30 22:13	1.2 0.2 1.2 0.3	TER 08	02:32 10:36 15:39 23:06	1.0 0.0 1.1 0.5	QUA 23	02:47 10:30 15:58 22:49	1.1 0.2 1.1 0.4	SEX 08	03:26 11:54 16:30	1.0 0.1 1.0	SÁB 23	03:43 11:32 16:39	1.0 0.2 1.0
SEG 09	02:56 10:49 15:45 23:15	1.0 0.1 1.1 0.4	TER 24	03:00 10:43 16:04 22:54	1.1 0.2 1.1 0.4	QUA 09	03:00 11:24 16:11 23:54	1.0 0.1 1.0 0.6	QUI 24	03:13 11:08 16:28 23:38	1.0 0.2 1.1 0.5	SÁB 09	00:21 04:06 12:39 17:04 19:49 21:00	0.6 0.9 0.2 0.9 0.8 0.8	DOM 24	00:06 04:13 12:13 17:06	0.5 0.9 0.2 0.9
TER 10	03:09 11:39 16:15	1.0 0.2 1.0	QUA 25	03:28 11:23 16:34 23:43	1.1 0.3 1.0 0.5	SEX 10	03:26 12:13 16:49 19:00 20:24	0.9 0.2 0.9 0.9 0.9	SÁB 26	00:32 04:19 12:39 17:34 19:49	0.5 0.9 0.3 0.9 0.9	QUI 10	01:11 04:58 13:23 17:43 20:15 22:19	0.6 0.9 0.3 0.8 0.7 0.8	TER 26	01:53 05:53 08:41 13:56 18:13 19:24 22:08	0.5 0.8 0.8 0.4 0.8 0.8 0.9
QUA 11	00:00 03:41 07:06 07:58 12:34 16:58 19:09 21:00	0.6 0.9 0.6 0.6 0.2 0.9 0.8 0.9	QUI 26	04:00 12:08 17:09	1.0 0.3 0.9	SÁB 11	00:49 04:00 07:06 08:38 13:06 17:24 19:17 22:04	0.7 0.9 0.7 0.7 0.2 0.8 0.8 0.9	DOM 27	01:32 05:04 13:32 21:32	0.6 0.8 0.3 0.9	SEX 11	02:06 06:11 07:56 09:17 14:08 18:26 21:04 23:08	0.6 0.8 0.8 0.8 0.4 0.8 0.7 0.8	QUA 27	02:51 10:02 15:00 23:06	0.5 0.9 0.5 0.9
QUI 12	01:00 04:00 07:21 09:21 13:30 17:45 19:36 22:51	0.7 0.9 0.6 0.7 0.3 0.8 0.8 0.9	SÁB 28	01:56 05:08 14:00 22:04	0.6 0.8 0.4 0.9	SEG 12	01:53 04:45 07:32 09:39 14:00 18:17 19:54 23:08	0.7 0.8 0.7 0.8 0.3 0.8 0.7 0.9	TER 29	03:34 10:26 15:38 23:24	0.5 0.9 0.4 1.0	QUI 12	03:06 10:04 15:00 19:49 22:04 23:34	0.5 0.8 0.5 0.8 0.8 0.8	SÁB 28	03:51 11:09 16:23 23:56	0.4 0.9 0.5 0.9
SEX 13	02:15 04:26 07:53 10:23 14:32 19:43 23:49	0.8 0.8 0.6 0.7 0.3 0.7 0.9	DOM 29	03:08 10:02 15:06 23:04	0.6 0.8 0.4 1.0	QUA 13	03:00 05:56 07:38 10:28 14:56 23:53	0.7 0.7 0.7 0.8 0.4 0.9	SÁB 30	04:30 11:21 16:54	0.4 1.0 0.4	SEX 13	04:06 10:41 15:56 21:34	0.5 0.9 0.5 0.8	QUI 29	04:51 12:09 18:00	0.3 1.0 0.5
SÁB 14	07:58 11:09 15:38	0.7 0.8 0.3	SEG 30	04:21 10:58 16:15 23:53	0.5 0.9 0.3 1.1	TER 14	04:09 11:06 15:54	0.6 0.9 0.4	QUI 31	00:06 05:24 12:09 18:09	1.0 0.3 1.1 0.3	QUA 14	05:06 11:21 16:56 22:34	0.4 0.9 0.5 0.9	SÁB 30	00:38 05:51 13:02 19:04	0.9 0.2 1.1 0.4
DOM 15	00:21 05:45 11:51 16:43	0.9 0.6 0.9 0.3	TER 15	00:11 05:06 11:36 16:51	0.9 0.5 0.9 0.4	SEX 15	00:11 05:06 11:36 16:51	0.9 0.5 0.9 0.4	SEX 15	05:58 12:00 17:56 23:19	0.3 1.0 0.4 1.0	DOM 15	05:58 12:00 17:56 23:19	0.3 1.0 0.4 1.0			

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

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Ano: 2012  
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)
DOM 01	01:11	1.0	TER 17	00:39	1.1	QUA 01	01:45	1.1	SEX 17	01:54	1.2	SÁB 01	02:06	1.2
	06:47	0.1		07:53	0.1		08:11	-0.1		08:49	0.0		09:08	0.0
	13:51	1.2		13:54	1.2		14:45	1.2		14:47	1.3		14:11	1.2
	19:53	0.4		20:09	0.3		20:49	0.3		21:08	0.2		21:28	0.2
SEG 02	01:41	1.0	QUA 18	01:21	1.1	QUI 02	01:51	1.1	SÁB 18	02:26	1.2	DOM 02	02:34	1.2
	07:41	0.0		08:34	0.1		08:56	-0.1		09:28	0.0		09:45	0.0
	14:34	1.2		14:32	1.2		14:38	1.2		15:15	1.2		14:36	1.2
	20:34	0.4		20:53	0.3		21:23	0.3		21:47	0.2		22:02	0.2
TER 03	01:41	1.0	QUI 19	02:00	1.2	SEX 03	02:17	1.2	DOM 19	02:54	1.2	SEG 03	03:08	1.2
	08:32	-0.1		09:11	0.0		09:38	-0.1		10:06	0.0		10:17	0.1
	15:08	1.2		15:09	1.2		14:47	1.1		15:24	1.1		15:02	1.2
	21:09	0.4		21:36	0.3		21:58	0.3		22:24	0.3		22:41	0.3
QUA 04	01:53	1.0	SEX 20	02:34	1.1	SÁB 04	02:49	1.2	SEG 20	03:19	1.1	TER 04	03:45	1.1
	09:17	-0.1		09:51	0.0		10:15	0.0		10:47	0.1		10:51	0.2
	15:28	1.2		15:36	1.2		15:08	1.1		15:36	1.0		15:28	1.1
	21:51	0.4		22:13	0.3		22:38	0.3		23:04	0.3		23:19	0.3
QUI 05	02:17	1.1	SÁB 21	03:06	1.1	DOM 05	03:21	1.1	TER 21	03:51	1.1	QUA 05	04:17	1.1
	10:02	-0.1		10:30	0.1		10:53	0.1		11:26	0.3		11:24	0.4
	15:23	1.1		15:58	1.1		15:34	1.1		15:56	1.0		15:58	1.1
	22:30	0.4		22:54	0.3		23:13	0.4		23:51	0.4		23:51	0.4
SEX 06	02:54	1.1	DOM 22	03:32	1.1	SEG 06	04:00	1.1	QUA 22	04:21	1.0	QUI 06	00:00	0.4
	10:45	0.0		11:08	0.1		11:26	0.2		12:08	0.4		04:56	1.0
	15:39	1.1		16:11	1.0		16:00	1.1		16:09	0.9		12:00	0.5
	23:06	0.4		23:38	0.4		23:56	0.4		16:09	0.9		16:23	1.0
SÁB 07	03:26	1.0	SEG 23	04:04	1.0	TER 07	04:39	1.0	QUI 23	00:47	0.4	SEX 07	00:53	0.5
	11:24	0.1		11:49	0.2		12:02	0.3		05:02	0.9		05:34	0.9
	16:04	1.0		16:26	1.0		12:02	0.3		13:00	0.6		12:53	0.6
	23:51	0.5		16:26	1.0		16:26	1.0		16:39	0.8		16:58	0.9
DOM 08	04:08	1.0	TER 24	00:23	0.4	QUA 08	00:43	0.4	SEX 24	01:47	0.4	SÁB 08	01:53	0.5
	12:04	0.2		04:41	1.0		05:21	0.9		05:58	0.8		08:36	0.8
	16:34	1.0		12:34	0.3		12:41	0.4		07:56	0.8		14:02	0.6
				16:56	0.9		17:00	1.0		10:09	0.8		17:36	0.8
SEG 09	00:38	0.5	QUA 25	01:13	0.5	QUI 09	01:36	0.5	DOM 25	02:54	0.4	DOM 09	02:58	0.5
	04:58	0.9		05:21	0.9		06:23	0.8		11:38	0.9		10:41	0.9
	12:45	0.3		13:24	0.5		13:26	0.5		20:13	0.6		15:38	0.6
	17:04	0.9		17:17	0.8		17:32	0.9		23:38	0.8		22:13	0.8
TER 10	01:23	0.5	TER 26	02:09	0.4	SEX 10	02:34	0.5	SÁB 25	02:54	0.4	SEG 10	04:06	0.4
	05:54	0.9		06:23	0.8		09:04	0.8		11:38	0.9		11:36	1.0
	13:23	0.4		08:00	0.8		14:26	0.6		20:13	0.6		17:08	0.5
	17:39	0.9		09:58	0.8		18:19	0.8		23:38	0.8		23:09	0.9
QUA 11	02:15	0.5	QUI 27	03:13	0.4	SÁB 11	03:39	0.5	DOM 26	04:02	0.3	TER 11	05:15	0.3
	07:51	0.8		11:19	0.9		10:49	0.8		12:28	1.0		12:11	1.1
	14:08	0.5		16:11	0.6		15:51	0.6		19:04	0.6		18:08	0.4
	18:23	0.8		18:53	0.6		21:54	0.8		00:13	0.9		23:53	1.0
QUI 12	03:13	0.5	SEX 27	03:13	0.4	DOM 12	04:51	0.4	SEG 27	00:13	0.9	QUA 12	06:13	0.2
	09:47	0.8		11:19	0.9		11:47	0.9		05:13	0.2		12:49	1.2
	15:04	0.6		16:11	0.6		17:17	0.5		13:04	1.1		18:49	0.3
	19:56	0.8		18:53	0.6		23:06	0.9		18:56	0.5		00:32	1.1
SEX 13	04:17	0.4	SÁB 28	04:23	0.3	SEG 13	05:53	0.3	TER 28	00:51	1.0	QUI 13	00:32	1.1
	10:56	0.9		12:21	1.0		12:28	1.0		06:15	0.1		07:00	0.1
	16:11	0.6		18:24	0.4		18:24	0.4		13:39	1.1		13:23	1.2
	22:00	0.9		23:56	1.0		23:56	1.0		19:19	0.4		19:26	0.2
SÁB 14	05:23	0.4	TER 29	06:45	0.2	TER 14	06:45	0.2	QUA 29	01:19	1.1	SEX 14	01:09	1.2
	11:49	1.0		13:06	1.1		13:06	1.1		07:06	0.0		07:43	0.0
	17:30	0.5		19:11	0.3		19:11	0.3		14:00	1.1		13:54	1.3
	23:04	0.9		00:28	0.9		00:39	1.1		19:49	0.3		20:02	0.2
DOM 15	06:23	0.3	DOM 29	05:30	0.2	QUA 15	07:28	0.1	QUI 30	01:34	1.1	SÁB 15	01:43	1.2
	12:34	1.0		13:08	1.1		13:41	1.2		07:51	0.0		08:24	0.0
	18:36	0.4		19:04	0.5		19:53	0.3		14:09	1.1		14:24	1.2
	23:56	1.0		01:02	1.0		01:02	1.0		20:19	0.3		20:39	0.1
SEG 16	07:09	0.2	SEG 30	06:34	0.1	QUI 16	01:19	1.2	SEX 31	01:39	1.2	DOM 16	02:17	1.3
	13:15	1.1		13:53	1.2		08:08	0.0		08:32	-0.1		09:06	0.0
	19:26	0.4		19:41	0.4		14:17	1.3		13:56	1.2		14:41	1.2
				07:26	0.0		20:32	0.2		20:53	0.2		21:17	0.1
				14:24	1.2									
				20:13	0.4									

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

As horas listadas não são corrigidas para o horário de verão

PORTO DE SÃO SEBASTIÃO (ESTADO DE SÃO PAULO)

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

Longitude: 045°23',9W  
24 Componentes

Fuso: +03.0  
Nível Médio:68.38

Ano: 2012  
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)
SEG 01	02:17	1.3	QUI 18	03:24	1.1	QUI 01	03:11	1.2	SÁB 17	03:56	1.0	SÁB 01	03:38	1.2
	09:09	0.1		10:54	0.4		09:56	0.3		11:34	0.6		10:24	0.4
	14:04	1.2		14:58	1.0		14:43	1.2		15:08	0.9		15:02	1.1
	21:34	0.1		23:13	0.2		22:28	0.2		23:53	0.1		22:49	0.2
TER 02	02:53	1.2	SEX 19	04:00	1.0	SEX 02	03:47	1.1	DOM 18	04:24	0.9	DOM 02	04:09	1.1
	09:45	0.2		11:43	0.6		10:38	0.4		07:45	0.9		11:09	0.4
	14:34	1.2		15:17	0.9		15:11	1.1		12:24	0.6		15:36	1.0
	22:09	0.2	SÁB 20	00:06	0.2	SÁB 03	04:17	1.0		15:47	0.9	SEG 03	04:38	1.0
QUA 03	03:24	1.2		04:38	0.9		11:23	0.5		18:54	0.7		12:00	0.5
	10:19	0.3		06:58	0.9		15:47	1.0	SEG 19	20:00	0.7		16:06	0.9
	15:02	1.2		08:11	0.9		12:45	0.7		00:45	0.2	TER 04	00:11	0.3
	22:49	0.3		15:49	0.9	DOM 04	19:00	0.6		05:04	0.9		05:09	1.0
QUI 04	04:00	1.1		19:00	0.6		20:56	0.7		07:00	0.8		12:58	0.5
	10:54	0.4	DOM 21	01:04	0.3		01:04	0.3		09:30	0.9		16:51	0.9
	15:32	1.1		05:17	0.8	SEG 05	00:43	0.4		16:17	0.8	QUA 05	01:00	0.3
	23:32	0.3		07:04	0.8		05:30	0.9		19:08	0.7		05:49	0.9
SEX 05	04:32	1.0		10:09	0.9		13:32	0.6	TER 20	21:09	0.7		07:04	0.9
	11:36	0.5		14:00	0.7		16:58	0.8		01:38	0.3		08:43	0.9
	16:00	1.0		16:06	0.8	TER 06	01:39	0.4		05:49	0.8		14:00	0.6
SÁB 06	00:17	0.4		19:21	0.6		09:36	0.9		07:34	0.7	QUI 06	01:58	0.4
	05:08	0.9		21:58	0.7		14:47	0.6		10:47	0.9		10:04	0.9
	12:34	0.6	SEG 22	02:04	0.3		18:02	0.7		14:36	0.7		15:02	0.5
	16:30	0.9		06:17	0.7		19:06	0.7		17:09	0.8		21:56	0.8
DOM 07	01:11	0.5		07:19	0.7	QUA 07	02:41	0.4		19:26	0.7		03:02	0.4
	06:06	0.8		11:15	0.9		10:41	1.0	QUA 21	22:08	0.8		11:00	0.9
	13:53	0.6		19:43	0.6		15:56	0.5		06:53	0.7		16:02	0.5
	17:06	0.8	TER 23	03:08	0.3		22:28	0.9		07:56	0.7		22:56	0.9
SEG 08	02:15	0.5		12:00	1.0	QUI 08	03:49	0.4		11:34	0.9	SÁB 08	04:17	0.4
	10:13	0.9		17:24	0.6		11:24	1.0		15:47	0.6		11:49	1.0
	15:13	0.6		23:32	0.9		16:54	0.4	QUI 22	03:28	0.4		17:00	0.4
	18:15	0.7	QUA 24	04:15	0.3		23:15	1.0		12:02	0.9		23:51	1.0
	22:04	0.8		12:28	1.0	SEX 09	04:58	0.3		16:47	0.5	DOM 09	05:41	0.4
TER 09	03:23	0.4		17:45	0.5		12:02	1.1		23:38	0.9		12:26	1.0
	11:09	1.0	QUI 25	00:02	1.0		17:41	0.3	SEX 23	04:30	0.4		17:53	0.2
	16:39	0.5		05:17	0.3	SÁB 10	00:00	1.1		12:21	0.9	SEG 10	00:41	1.1
	22:56	0.9		12:51	1.0		06:02	0.3		17:34	0.4		06:49	0.3
QUA 10	04:32	0.3		18:13	0.4		12:41	1.1	SÁB 24	00:02	1.0		13:02	1.0
	11:51	1.1	SEX 26	00:30	1.1		18:23	0.2		05:28	0.4		18:43	0.1
	17:36	0.4		06:09	0.2	DOM 11	00:43	1.2		11:32	0.9	TER 11	01:28	1.2
	23:39	1.0		12:43	1.0		06:58	0.2		18:17	0.3		07:43	0.3
QUI 11	05:36	0.3		18:47	0.3		13:13	1.1	DOM 25	00:23	1.1		13:36	1.0
	12:26	1.1	SÁB 27	00:41	1.1		19:06	0.1		06:19	0.4		19:34	0.0
	18:17	0.3		06:53	0.2	SEG 12	01:24	1.2		11:38	1.0	QUA 12	02:11	1.3
SEX 12	00:17	1.1		12:19	1.1		07:49	0.2		18:54	0.2		08:26	0.3
	06:30	0.2		19:21	0.2		13:39	1.1	SEG 26	00:45	1.1		13:51	1.0
	13:00	1.2	DOM 28	01:04	1.2		19:49	0.1		07:02	0.3		20:23	0.0
	18:56	0.2		07:30	0.2	TER 13	02:02	1.3		12:08	1.1	QUI 13	02:49	1.3
SÁB 13	00:54	1.2		12:39	1.1		08:36	0.2		19:36	0.1		09:08	0.3
	07:19	0.1		19:56	0.1		13:53	1.1	TER 27	01:19	1.2		13:56	1.0
	13:32	1.2	SEG 29	01:28	1.2		20:36	0.0		07:41	0.3		21:09	-0.1
	19:34	0.1		08:06	0.2	QUA 14	02:34	1.3		12:45	1.2	SEX 14	03:28	1.2
DOM 14	01:30	1.3		13:06	1.2		09:17	0.3		20:15	0.1		09:51	0.4
	08:04	0.1		20:34	0.1		14:04	1.0	QUA 28	01:53	1.2		14:11	1.0
	13:58	1.2	TER 30	02:04	1.2		21:23	0.0		08:23	0.3		21:58	-0.1
	20:11	0.1		08:43	0.2	QUI 15	03:08	1.2		13:19	1.2	SÁB 15	03:30	1.2
SEG 15	02:06	1.3		13:39	1.2		10:00	0.4		20:53	0.1		10:32	0.4
	08:47	0.1		21:09	0.1		14:15	1.0	QUI 29	02:28	1.2		10:32	0.4
	14:17	1.1	QUA 31	02:38	1.2		22:09	0.0		09:02	0.3		14:41	1.0
	20:53	0.1		09:19	0.2	SEX 16	03:24	1.1		13:58	1.2		22:45	0.0
TER 16	02:30	1.3		14:08	1.2		10:47	0.5		21:34	0.1	DOM 16	03:47	1.1
	09:30	0.2		21:49	0.2		14:45	1.0	SEX 30	03:06	1.2		11:11	0.5
	14:21	1.1					23:00	0.1		09:43	0.3		15:09	1.0
	21:36	0.1								14:28	1.2		23:04	0.2
QUA 17	03:00	1.2								22:09	0.1	SEG 17	04:11	1.0
	10:11	0.3											11:56	0.5
	14:38	1.0											15:53	1.0
	22:23	0.1												

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