

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: 0.68

Ano: 2011
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)			
SÁB 01	01:23 07:08 13:04 18:51	1.1 0.5 0.9 0.1	SEG 17	01:32 07:34 13:04 19:43	1.2 0.3 1.0 0.1	TER 01	02:13 08:04 13:13 20:08	1.1 0.4 1.1 0.0	QUA 16	02:02 07:58 13:41 20:09	1.3 0.3 1.1 0.0	TER 01	01:47 07:17 12:51 19:04	1.0 0.5 1.0 0.1	QUI 17	01:43 07:32 13:28 19:49	1.3 0.3 1.2 0.0
DOM 02	01:54 07:49 12:53 19:41	1.1 0.4 1.0 0.0	TER 18	02:13 08:15 13:39 20:28	1.3 0.3 1.1 0.0	QUA 02	02:08 08:38 13:36 20:49	1.1 1.2 0.3 -0.1	QUI 17	02:39 08:36 14:13 20:53	1.3 0.2 1.2 -0.1	QUA 02	01:43 07:43 13:06 19:45	1.1 0.4 1.1 0.0	SEX 18	02:15 08:06 13:54 20:32	1.3 0.2 1.2 0.0
SEG 03	02:19 08:21 13:09 20:26	1.1 0.4 1.1 0.0	QUA 19	02:54 08:56 14:11 21:09	1.3 0.3 1.1 -0.1	QUI 03	02:13 09:08 14:11 21:23	1.2 0.3 1.2 0.0	SEX 18	03:13 09:09 14:30 21:34	1.3 0.2 1.2 -0.1	QUI 03	01:28 08:09 13:28 20:19	1.1 0.3 1.2 0.0	SÁB 19	02:43 08:43 14:23 21:11	1.2 0.1 1.3 0.0
TER 04	02:23 08:56 13:38 21:08	1.1 0.4 1.1 -0.1	QUI 20	03:34 09:38 14:30 21:53	1.3 0.3 1.1 -0.1	SEX 04	02:34 09:43 14:47 21:56	1.2 0.3 1.2 0.0	SÁB 19	03:34 09:47 14:51 22:11	1.2 0.2 1.2 0.0	SEX 04	01:41 08:43 14:02 20:53	1.2 0.2 1.3 0.0	DOM 20	02:49 09:19 14:38 21:53	1.2 0.1 1.3 0.1
QUA 05	02:32 09:32 14:11 21:49	1.2 0.4 1.2 0.0	SEX 21	04:08 10:13 14:58 22:34	1.2 0.3 1.1 0.0	SÁB 05	03:02 10:15 15:21 22:30	1.2 0.3 1.2 0.1	DOM 20	03:28 10:24 15:15 22:51	1.1 0.2 1.2 0.1	SÁB 05	02:06 09:13 14:34 21:24	1.2 0.2 1.3 0.0	SEG 21	02:49 09:58 15:06 22:30	1.1 0.1 1.2 0.2
QUI 06	03:00 10:06 14:51 22:26	1.2 0.4 1.1 0.0	SÁB 22	04:19 10:53 15:21 23:13	1.1 0.3 1.1 0.1	DOM 06	03:26 10:49 15:56 23:00	1.2 0.3 1.1 0.2	SEG 21	03:32 11:04 15:51 23:28	1.0 0.3 1.1 0.3	DOM 06	02:32 09:47 15:08 21:58	1.2 0.2 1.2 0.1	TER 22	03:00 10:41 15:36 23:06	1.0 0.2 1.2 0.4
SEX 07	03:24 10:43 15:26 23:00	1.1 0.4 1.1 0.1	DOM 23	04:08 11:34 15:58 23:54	1.0 0.4 1.1 0.2	SEG 07	03:56 11:23 16:26 23:34	1.2 0.4 1.1 0.3	TER 22	03:51 11:51 16:21	1.0 0.3 1.0	SEG 07	03:00 10:17 15:39 22:30	1.2 0.2 1.2 0.2	QUA 23	03:15 11:28 16:09 23:45	1.0 0.2 1.1 0.5
SÁB 08	03:56 11:21 16:06 23:38	1.1 0.4 1.0 0.2	SEG 24	04:19 12:17 16:36	0.9 0.4 1.0	TER 08	04:19 11:51 17:00	1.1 0.4 1.0	QUA 23	00:06 04:06 12:41 17:02	0.5 0.9 0.4 0.9	TER 08	03:23 10:45 16:09 23:02	1.2 0.3 1.1 0.3	QUI 24	03:43 12:21 16:53	0.9 0.3 0.9
DOM 09	04:21 12:00 16:45	1.1 0.5 1.0	TER 25	00:38 04:45 07:36 08:58 13:08 17:17	0.4 0.9 0.7 0.7 0.4 0.9	QUA 09	00:08 04:49 12:36 17:32	0.4 1.0 0.5 0.9	QUI 24	00:49 04:26 08:00 09:58 13:43 17:54 20:13 23:00	0.6 0.9 0.6 0.6 0.4 0.8 0.7 0.8	QUA 09	03:53 11:17 16:36 23:41	1.1 0.4 1.0 0.4	SEX 25	00:26 04:00 07:53 09:19 13:17 17:34 20:00 23:00	0.7 0.9 0.6 0.6 0.3 0.8 0.7 0.8
SEG 10	00:09 04:54 12:49 17:26	0.3 1.0 0.5 0.9	QUA 26	01:23 05:02	0.5 0.8	QUI 10	00:54 05:13 13:41 20:49	0.5 0.9 0.5 0.8	SEX 25	01:53 04:45 08:24 11:00 14:51 19:08 20:11	0.7 0.8 0.6 0.7 0.4 0.7 0.7	SEX 11	00:30 04:47 13:00 17:49	0.5 0.9 0.5 0.8	SÁB 26	01:34 04:15 08:08 10:30 14:19 18:38 20:02	0.8 0.9 0.6 0.7 0.4 0.7 0.7
TER 11	00:51 05:23 13:43 19:13	0.4 1.0 0.5 0.8	TER 27	02:24 05:23 08:34 11:13 15:13	0.7 0.8 0.6 0.7 0.4	SÁB 12	03:38 07:54 10:54 16:15 23:51	0.6 0.7 0.8 0.4 1.0	QUA 12	00:06 04:06 08:24 11:00 14:51 19:08 20:11	0.5 0.6 0.7 0.7 0.4 0.7 0.7	SÁB 12	01:47 05:09 14:19 22:36	0.6 0.8 0.5 0.9	DOM 27	00:06 08:24 11:13 15:28	0.9 0.6 0.7 0.4
QUA 12	01:39 06:02 14:43 21:24	0.4 0.9 0.5 0.8	QUI 28	00:02 08:53 12:00 16:28	0.9 0.6 0.8 0.3	DOM 13	05:30 11:47 17:36	0.5 0.8 0.3	SEX 14	00:41 06:39 12:28 18:36	1.1 0.4 0.9 0.2	DOM 13	03:24 05:56 08:04 10:54 15:43 23:41	0.6 0.7 0.6 0.7 0.4 1.0	SEG 28	00:45 07:08 11:53 16:41	0.9 0.7 0.8 0.3
QUI 13	02:41 07:11 15:49 22:47	0.5 0.8 0.5 0.9	SÁB 29	00:58 07:02 12:38 17:39	1.0 0.6 0.8 0.2	SEG 14	00:41 06:39 12:28 18:36	1.1 0.4 0.9 0.2	SEG 28	01:26 07:00 12:45 18:19	1.0 0.6 0.9 0.2	SEG 14	05:23 11:39 17:02	0.6 0.8 0.3	TER 29	01:02 06:30 12:11 17:43	0.9 0.6 0.9 0.3
SEX 14	04:00 10:43 16:58 23:51	0.5 0.8 0.4 1.0	DOM 30	01:36 07:09 12:58 18:39	1.0 0.6 0.9 0.1	TER 15	01:23 07:21 13:06 19:24	1.2 0.3 1.0 0.1	DOM 15	01:00 07:41 12:17 17:17	1.0 0.7 0.8 0.3	DOM 15	00:26 06:19 12:17 18:08	1.1 0.5 0.9 0.2	QUA 30	01:11 06:45 12:24 18:32	1.0 0.5 1.0 0.2
SÁB 15	05:28 11:39 18:00	0.5 0.9 0.3	SEG 31	02:00 07:39 13:11 19:26	1.1 0.5 1.0 0.0	DOM 16	00:45 06:43 12:24 18:54	1.1 0.4 1.0 0.2	QUA 16	01:06 06:56 12:54 19:02	1.2 0.3 1.1 0.1	QUA 16	01:06 06:56 12:54 19:02	1.2 0.3 1.1 0.1	QUI 31	00:47 07:09 12:39 19:09	1.0 0.3 1.1 0.1

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

Fuso: +03.0
Nível Médio:0.68

Ano: 2011
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			SÁB			DOM			TER			QUA		
01	00:45	1.1	16	01:49	1.2	01	00:36	1.1	17	01:30	1.0	01	01:21	1.1
	07:41	0.2		07:36	0.2		07:43	0.2		08:38	0.0		08:39	0.1
	13:11	1.2		13:38	1.2		13:26	1.2		14:26	1.2		14:39	1.2
	19:47	0.1		20:09	0.1		19:51	0.2		21:17	0.3		21:00	0.3
SÁB			DOM			SEG			QUA			QUI		
02	01:08	1.2	17	02:13	1.1	02	01:06	1.2	18	01:47	1.0	02	01:56	1.1
	08:11	0.2		08:13	0.1		08:19	0.1		09:24	0.0		09:23	0.1
	13:43	1.3		14:09	1.3		14:06	1.2		14:49	1.2		15:23	1.2
	20:21	0.1		20:53	0.1		20:32	0.2		21:56	0.4		21:47	0.3
DOM			SEG			TER			QUI			SEX		
03	01:36	1.2	18	02:13	1.1	03	01:39	1.2	19	02:09	1.0	03	02:24	1.1
	08:45	0.1		08:54	0.0		08:54	0.1		10:11	0.0		10:04	0.1
	14:19	1.3		14:26	1.3		14:43	1.2		15:19	1.1		16:04	1.2
	20:56	0.1		21:34	0.2		21:11	0.2		22:39	0.5		22:34	0.4
SEG			TER			QUA			SEX			SÁB		
04	02:04	1.2	19	02:13	1.1	04	02:09	1.2	20	02:45	1.0	04	02:58	1.0
	09:19	0.2		09:39	0.0		09:34	0.2		10:58	0.0		10:49	0.1
	14:54	1.2		14:56	1.2		15:19	1.2		15:54	1.0		16:32	1.1
	21:32	0.1		22:11	0.3		21:53	0.3		23:19	0.6		23:19	0.4
TER			QUA			QUI			SÁB			DOM		
05	02:32	1.2	20	02:32	1.0	05	02:39	1.1	21	03:11	1.0	05	03:23	1.0
	09:51	0.2		10:26	0.1		10:13	0.2		11:47	0.1		11:36	0.2
	15:24	1.2		15:24	1.1		15:51	1.1		16:24	1.0		17:17	1.0
	22:06	0.2		22:51	0.4		22:38	0.4		DOM			SEG	
QUA			QUI			SEX			DOM			SEG		
06	03:00	1.2	21	02:58	1.0	06	03:04	1.0	22	00:04	0.6	06	00:08	0.5
	10:24	0.3		11:13	0.1		10:54	0.2		03:54	0.9		04:00	0.9
	15:56	1.1		16:02	1.0		16:23	1.1		12:34	0.2		12:21	0.2
	22:45	0.3		23:34	0.6		23:26	0.5		17:04	0.9		17:19	0.9
QUI			SEX			SÁB			SEG			TER		
07	03:23	1.1	22	03:19	1.0	07	03:34	1.0	23	01:00	0.7	07	01:02	0.5
	10:58	0.3		12:04	0.2		11:45	0.3		04:34	0.9		04:41	0.9
	16:21	1.1		16:39	0.9		16:53	1.0		13:17	0.3		13:08	0.3
	23:28	0.4		SÁB		DOM				17:47	0.8		18:51	0.8
SEX			23	00:17	0.7	08	00:23	0.5		20:24	0.8		21:13	0.9
08	03:54	1.0		03:53	0.9		04:02	0.9		22:38	0.8		TER	
	11:45	0.4		12:58	0.3		12:38	0.3		TER			QUA	
	16:56	1.0		17:17	0.8		20:17	0.9		02:00	0.7		02:00	0.5
SÁB			DOM			SEG				05:32	0.8		05:32	0.8
09	00:24	0.5	24	01:19	0.7	09	01:28	0.6		14:04	0.4		07:43	0.8
	04:15	0.9		04:15	0.9		04:45	0.8		18:41	0.8		09:08	0.8
	12:49	0.4		07:58	0.6		08:47	0.7		21:00	0.7		14:04	0.3
	17:34	0.9		09:43	0.7		13:36	0.3		23:17	0.8		22:21	0.9
	19:02	0.9		13:54	0.3		21:53	0.9		QUA			QUI	
	20:41	0.9		18:11	0.7	TER				03:04	0.6		02:58	0.5
DOM			24	13:54	0.3	10	02:41	0.6		09:39	0.8		10:13	0.8
10	01:43	0.6		20:02	0.7		05:38	0.7		14:56	0.4		15:06	0.4
	04:54	0.8		23:34	0.8		07:41	0.7		21:56	0.8		23:11	0.9
	08:06	0.6		SEG			09:56	0.8		23:32	0.8		DOM	
	09:11	0.6		02:49	0.7		14:38	0.4		QUI			26	05:06
	13:56	0.4		04:56	0.8		22:54	1.0		04:08	0.5		11:26	1.0
	22:15	0.9		08:02	0.7	QUA				10:23	0.9		17:08	0.5
SEG			25	10:30	0.7	11	03:49	0.6		15:51	0.4		23:04	0.9
11	03:08	0.6		14:53	0.4		10:49	0.8		22:08	0.9		SEG	
	05:38	0.7		TER			15:47	0.3		SEX			27	06:00
	07:54	0.6		00:06	0.9		23:41	1.0		05:04	0.4		12:19	1.1
	10:28	0.7		04:28	0.7	QUI				11:04	1.0		18:17	0.4
	15:06	0.4		11:02	0.8	12	04:45	0.5		16:47	0.4		23:54	1.0
	23:19	1.0		15:51	0.4		11:34	0.9		22:51	0.9		TER	
TER				QUA			16:58	0.3		SÁB			28	06:51
12	04:39	0.6		00:26	0.9		SEX			05:51	0.4		13:08	1.2
	11:15	0.8		05:26	0.6		00:17	1.1		11:47	1.0		19:15	0.3
	16:23	0.3		11:23	0.9		05:34	0.4		17:45	0.4		QUA	
QUA				16:49	0.4		12:13	1.0		23:28	1.0		29	00:36
13	00:04	1.1		QUI			18:06	0.3		DOM			30	07:39
	05:39	0.5		00:21	0.9		SÁB			06:34	0.3		13:54	1.2
	11:58	1.0		06:00	0.4		00:54	1.1		12:28	1.1		20:06	0.3
	17:36	0.2		11:41	1.0		06:19	0.2		18:39	0.3		QUI	
QUI				17:43	0.3		12:53	1.1		SEG			30	01:15
14	00:45	1.2		23:43	1.0		19:02	0.2		00:08	1.1		08:24	0.1
	06:19	0.4		SEX			DOM			07:15	0.2		14:39	1.3
	12:36	1.1		06:34	0.3		01:24	1.1		13:13	1.2		20:53	0.3
	18:36	0.1		12:13	1.1		07:04	0.1		19:28	0.3			
SEX				18:28	0.3		13:30	1.2		TER				
15	01:17	1.2		SÁB			19:53	0.2		00:47	1.1			
	06:56	0.2		00:06	1.1		SEG			07:56	0.2			
	13:09	1.2		07:08	0.2		01:36	1.0		13:56	1.2			
	19:24	0.1		12:49	1.2		07:49	0.1		20:15	0.3			
				19:09	0.2		13:54	1.2						
				DOM			20:38	0.3						

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:0.68

Ano: 2011
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	01:53	1.1	SÁB 16	02:00	1.1	SEG 01	02:49	1.1	TER 16	03:04	1.2	QUI 01	03:30	1.1
	09:08	0.0		09:36	-0.1		10:11	0.0		10:13	0.1		11:09	0.3
	15:23	1.3		14:49	1.1		16:06	1.1		15:08	1.2		15:30	1.0
	21:36	0.3	DOM	21:56	0.4		22:34	0.3		22:38	0.3		23:26	0.3
SÁB 02	02:23	1.1		02:36	1.1	TER 02	03:13	1.1	QUA 17	03:39	1.1	SEX 02	04:06	1.1
	09:51	0.0		10:11	0.0		10:54	0.1		10:49	0.2		11:51	0.4
	16:00	1.2		15:13	1.1		15:58	1.0		15:38	1.1		15:54	0.9
	22:17	0.3	SEG 18	22:34	0.4		23:11	0.3		23:09	0.4	SÁB 03	00:17	0.3
DOM 03	02:54	1.0		03:13	1.1	QUA 03	03:47	1.1	QUI 18	04:13	1.1		04:47	1.0
	10:34	0.0		10:51	0.1		11:36	0.2		11:19	0.3		12:36	0.6
	16:32	1.1		15:41	1.1		16:06	1.0		16:02	1.1		16:08	0.9
	23:00	0.4	TER 19	23:09	0.4		23:56	0.4		23:49	0.4		19:36	0.6
SEG 04	03:19	1.0		03:56	1.1	QUI 04	04:19	1.0	SEX 19	04:49	1.0	DOM 04	01:15	0.4
	11:15	0.1		11:24	0.2		12:15	0.3		11:54	0.4		05:30	0.8
	16:32	1.0		16:08	1.1		16:23	0.9		16:30	1.0		07:53	0.8
	23:45	0.4	QUA 20	23:53	0.4	SEX 05	00:47	0.4	SÁB 20	00:34	0.5		10:09	0.8
TER 05	03:58	1.0		04:34	1.0		05:02	0.9		05:23	0.9		13:41	0.7
	11:58	0.2		11:58	0.3		13:00	0.5		12:39	0.5		16:26	0.8
	16:45	0.9		16:38	1.0		16:53	0.8		17:00	0.9		20:00	0.6
QUA 06	00:32	0.5	QUI 21	00:36	0.5	SÁB 06	01:45	0.4	DOM 21	01:30	0.5	SEG 05	02:21	0.4
	04:32	0.9		05:17	0.9		05:56	0.9		06:26	0.8		07:56	0.7
	12:45	0.3		12:36	0.3		08:04	0.8		13:41	0.6		11:45	0.9
	17:06	0.9	SEX 22	17:06	1.0		09:56	0.8	SEG 22	17:36	0.8		20:21	0.6
	19:02	0.8		01:21	0.5		14:00	0.6		20:02	0.8		23:17	0.8
	20:47	0.8		06:19	0.9		17:08	0.8		15:02	0.6	TER 06	03:32	0.3
QUI 07	01:19	0.5	SÁB 23	02:13	0.5		20:08	0.6		18:26	0.7		12:32	1.0
	05:17	0.9		08:38	0.8	DOM 07	22:49	0.7		20:06	0.7		20:08	0.6
	13:34	0.4		14:09	0.5		02:47	0.4	TER 23	22:08	0.7		23:58	0.8
	17:38	0.8		18:28	0.8		07:21	0.8		03:51	0.5	QUA 07	04:45	0.3
	19:41	0.7	DOM 24	03:13	0.5		11:24	0.9		11:19	0.9		13:02	1.0
	22:00	0.8		10:08	0.9		15:28	0.7		16:49	0.6		18:49	0.6
SEX 08	02:13	0.5		15:19	0.5		17:24	0.7		23:13	0.8	QUI 08	00:30	0.9
	06:23	0.8	SEG 25	21:43	0.8	SEG 08	20:39	0.6	QUA 24	05:02	0.4		05:51	0.2
	08:02	0.8		04:21	0.4		23:38	0.8		12:11	1.1		13:28	1.0
	09:54	0.8		11:19	0.9		03:54	0.3		18:08	0.5		18:58	0.5
	14:32	0.5		16:51	0.5		12:28	1.0		00:00	0.9	SEX 09	00:47	1.0
	18:09	0.7		23:02	0.9	TER 09	19:39	0.7		06:06	0.2		06:41	0.1
	20:02	0.7	TER 26	05:30	0.4		00:11	0.8		12:56	1.2	SÁB 10	00:51	1.1
	22:58	0.8		12:17	1.1		05:04	0.3		18:54	0.4		07:23	1.1
SÁB 09	03:13	0.4		18:11	0.5	QUA 10	13:09	1.0	SEX 26	00:39	1.0		13:23	1.1
	11:08	0.9	QUA 27	23:54	1.0		18:58	0.6		06:58	0.1		19:36	0.3
	15:51	0.6		06:30	0.2		00:47	0.9		13:36	1.3	DOM 11	01:13	1.2
	23:47	0.8		13:06	1.2		06:09	0.2	SÁB 27	19:36	0.3		07:58	0.0
DOM 10	04:17	0.3		19:08	0.4	QUI 11	13:47	1.1		01:15	1.1		13:23	1.2
	12:11	1.0	QUI 28	00:39	1.0		19:21	0.5		07:45	0.0		20:21	0.2
	17:43	0.6		07:21	0.1		01:08	1.0	DOM 28	01:47	1.2	SEG 12	01:39	1.2
SEG 11	00:23	0.9		13:49	1.2	SEX 12	07:02	0.1		08:28	0.0		08:34	0.0
	05:23	0.3	TER 29	19:54	0.3		14:04	1.1		14:43	1.3		13:45	1.2
	13:02	1.0		01:19	1.1		19:51	0.4		20:47	0.2		20:54	0.2
	18:53	0.5		08:06	0.0		01:15	1.1	SEG 29	02:19	1.2	TER 13	02:13	1.3
TER 12	00:54	0.9	SÁB 30	01:53	1.1	SÁB 13	07:49	0.0		09:09	-0.1		09:06	0.1
	06:23	0.1		08:51	0.0		14:13	1.1		15:11	1.2		14:09	1.2
	13:47	1.1		15:08	1.3		20:19	0.3		21:23	0.2		21:28	0.2
	19:34	0.5		21:13	0.3		01:24	1.1	TER 30	02:38	1.2		21:28	0.2
QUA 13	01:17	1.0	DOM 31	02:24	1.1		08:28	0.0		09:51	0.0	QUA 14	02:49	1.2
	07:17	0.0		09:32	0.0		14:04	1.1		15:17	1.1		09:41	0.1
	14:19	1.1		15:39	1.2		20:53	0.3		22:00	0.2		14:39	1.2
	20:08	0.4	SEX 15	21:53	0.3	DOM 14	01:54	1.2		09:51	0.0		22:00	0.2
QUI 14	01:11	1.0					09:06	0.0		15:17	1.1		03:21	1.2
	08:06	0.0					14:17	1.2		22:00	0.2		10:11	0.2
	14:36	1.1					21:26	0.3	QUA 31	03:04	1.2		15:06	1.2
	20:45	0.4				SEG 15	02:26	1.2		10:32	0.1		22:34	0.3
SEX 15	01:24	1.1					09:41	0.0		15:15	1.0			
	08:53	-0.1					14:43	1.2		22:41	0.2			
	14:32	1.1					22:00	0.3						
	21:19	0.4												

Fases da lua: Cheia Crescente Nova Minguante

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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:0.68

Ano: 2011
Carta: 1644

Outubro

Novembro

Dezembro

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

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

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