

SUNRISE, SUNSET and TWILIGHTS at Port Aransas for JAN 2025

			SUN	RISE/S	UNSET	CIV	IL TWI	LIGHT	NAU	TICAL	TWILIG	HT	
JDAY	Y	DA	TE	RISE	SET	LNGTH	I STAF	RT ENE	) LNGH	r staf	RT END	) LNG	TH LAN
		h	:m	h:m	h:m	h:m	h:m	h:m	h:m	h:m	h:m	h:m	
1 V	WED	1	JAN	07:19	17 <b>:</b> 44	10:25	06:54	18:10	11:16	06:25	18:39	12:15	12:32
2 1	ГНU	2	JAN	07:20	17 <b>:</b> 45	10:26	06:54	18:11	11 <b>:</b> 17	06:25	18:40	12:15	12:32
3 I	FRI	3	JAN	07:20	17:46	10:26	06:54	18:11	11:17	06:25	18:41	12:15	12:33
4 5	SAT	4	JAN	07:20	17 <b>:</b> 47	10:27	06:55	18:12	11:18	06:25	18:41	12:16	12:33
5 5	SUN	5	JAN	07 <b>:</b> 20	17 <b>:</b> 47	10:27	06:55	18:13	11:18	06:26	18:42	12:16	12:34
61	MON	6	JAN	07 <b>:</b> 20	17 <b>:</b> 48	10:28	06:55	18:14	11:19	06:26	18:43	12:17	12:34
7 :	TUE	7	JAN	07:21	17:49	10:28	06:55	18:14	11:19	06:26	18:43	12:17	12:35
8 1	WED	8	JAN	07:21	17:50	10:29	06:55	18:15	11:20	06:26	18:44	12:18	12:35
9 :	THU	9	JAN	07:21	17 <b>:</b> 50	10:30	06:55	18:16	11:20	06:26	18:45	12:18	12:36
10	FRI	10	JAN	07:21	17 <b>:</b> 51	10:30	06:55	18 <b>:</b> 17	11:21	06:26	18:45	12:19	12:36
11	SAT	11	JAN	07:21	17 <b>:</b> 52	10:31	06:55	18:17	11:22	06:27	18:46	12:20	12:36
12	SUN	12	JAN	07:21	17 <b>:</b> 53	10:32	06:55	18:18	11:23	06:27	18:47	12:20	12:37
13	MON	13	JAN	07:21	17 <b>:</b> 53	10:33	06:55	18:19	11:23	06:27	18:48	12:21	12:37
14	TUE	14	JAN	07:21	17 <b>:</b> 54	10:34	06:55	18:20	11:24	06:27	18:48	12:22	12:37
15	WED	15	JAN	07:21	17 <b>:</b> 55	10:34	06:55	18:20	11:25	06:27	18:49	12:22	12:38
16	THU	16	JAN	07:21	17 <b>:</b> 56	10:35	06:55	18:21	11:26	06:27	18:50	12:23	12:38
17	FRI	17	JAN	07:20	17 <b>:</b> 57	10:36	06:55	18:22	11:27	06:27	18:50	12:24	12:39
18	SAT	18	JAN	07:20	17 <b>:</b> 58	10:37	06:55	18:23	11:28	06:26	18:51	12:25	12:39
19	SUN	19	JAN	07:20	17 <b>:</b> 58	10:38	06:55	18:23	11:28	06:26	18:52	12:26	12:39
20	MON	20	JAN	07:20	17:59	10:39	06:55	18:24	11:29	06:26	18:53	12:26	12:39
21	TUE	21	JAN	07 <b>:</b> 20	18:00	10:40	06:55	18:25	11:30	06:26	18:53	12:27	12:40
22	WED	22	JAN	07 <b>:</b> 19	18:01	10:41	06:54	18:26	11:31	06:26	18:54	12:28	12:40
23	THU	23	JAN	07 <b>:</b> 19	18:02	10:43	06:54	18:26	11:32	06:26	18:55	12:29	12:40
24	FRI	24	JAN	07:19	18:02	10:44	06:54	18:27	11:33	06:25	18:56	12:30	12:41
25	SAT	25	JAN	07:18	18:03	10:45	06:54	18:28	11:34	06:25	18:56	12:31	12:41
26	SUN	26	JAN	07:18	18:04	10:46	06:53	18:29	11:36	06:25	18:57	12:32	12:41
27	MON	27	JAN	07:18	18:05	10:47	06:53	18:30	11:37	06:25	18:58	12:33	12:41
28	TUE	28	JAN	07 <b>:</b> 17	18:06	10:48	06:52	18:30	11:38	06:24	18:59	12:34	12:41
29	WED	29	JAN	07:17	18:06	10:50	06:52	18:31	11:39	06:24	18:59	12:35	12:42
30	THU	30	JAN	07:16	18:07	10:51	06:52	18:32	11:40	06:24	19:00	12:36	12:42
31	FRI	31	JAN	07:16	18:08	10:52	06:51	18:33	11:41	06:23	19:01	12:38	12:42



### SUNRISE, SUNSET and TWILIGHTS at Port Aransas for FEB 2025

			SUN	NRISE/SU	JNSET	CIV	IL TWI	LIGHT	NAU	TICAL 1	rWILIGH	łΤ	
JDA	Y	DA	TE	RISE	SET	LNGT:	H STAF	RT END	LNGHI	' STAR	T END	LNGI	H LAN
		h	:m	h:m	h:m	h:m	h:m	h:m	h:m	h:m	h:m	h:m	
32	SAT	1	FEB	07:15	18:09	10:54	06:51	18:33	11:43	06:23	19:01	12:39	12:42
33	SUN	2	FEB	07 <b>:</b> 15	18:10	10:55	06:50	18:34	11:44	06:22	19:02	12:40	12:42
34	MON	3	FEB	07:14	18:10	10:56	06:50	18:35	11:45	06:22	19:03	12:41	12:42
35	TUE	4	FEB	07:14	18:11	10:58	06:49	18:36	11:46	06:21	19:03	12:42	12:42
36	WED	5	FEB	07 <b>:</b> 13	18:12	10:59	06:49	18:36	11:48	06:21	19:04	12:43	12:42
37	THU	6	FEB	07:12	18:13	11:00	06:48	18:37	11:49	06:20	19:05	12:45	12:43
38	FRI	7	FEB	07 <b>:</b> 12	18:14	11:02	06:47	18:38	11:50	06:20	19:06	12:46	12:43
39	SAT	8	FEB	07:11	18:14	11:03	06:47	18:38	11:52	06:19	19:06	12:47	12:43
40	SUN	9	FEB	07:10	18:15	11:05	06:46	18:39	11:53	06:18	19:07	12:48	12:43
41	MON	10	FEB	07:10	18:16	11:06	06:46	18:40	11:54	06:18	19:08	12:50	12:43
42	TUE	11	FEB	07:09	18:16	11:08	06:45	18:41	11:56	06:17	19:08	12:51	12:43
43	WED	12	FEB	07:08	18:17	11:09	06:44	18:41	11:57	06:16	19:09	12:52	12:43
44	THU	13	FEB	07 <b>:</b> 07	18:18	11:11	06:43	18:42	11:59	06:16	19:10	12:54	12:43
45	FRI	14	FEB	07:07	18:19	11:12	06:43	18:43	12:00	06:15	19:10	12:55	12:43
46	SAT	15	FEB	07:06	18:19	11:14	06:42	18:43	12:01	06:14	19:11	12:56	12:43
47	SUN	16	FEB	07 <b>:</b> 05	18:20	11:15	06:41	18:44	12:03	06:14	19:11	12:58	12:43
48	MON	17	FEB	07:04	18:21	11:17	06:40	18:45	12:04	06:13	19:12	12:59	12:42
49	TUE	18	FEB	07:03	18:21	11:18	06:39	18:45	12:06	06:12	19:13	13:01	12:42
50	WED	19	FEB	07:02	18:22	11:20	06:39	18:46	12:07	06:11	19:13	13:02	12:42
51	THU	20	FEB	07:02	18:23	11:21	06:38	18:47	12:09	06:10	19:14	13:04	12:42
52	FRI	21	FEB	07:01	18:24	11:23	06:37	18:47	12:10	06:10	19:15	13:05	12:42
53	SAT	22	FEB	07:00	18:24	11:24	06:36	18:48	12:12	06:09	19:15	13:06	12:42
54	SUN	23	FEB	06:59	18:25	11:26	06:35	18:49	12:13	06:08	19:16	13:08	12:42
55	MON	24	FEB	06:58	18:25	11:28	06:34	18:49	12:15	06:07	19:16	13:09	12:42
56	TUE	25	FEB	06:57	18:26	11:29	06:33	18:50	12:16	06:06	19:17	13:11	12:42
57	WED	26	FEB	06:56	18:27	11:31	06:32	18:50	12:18	06:05	19:18	13:12	12:41
58	THU	27	FEB	06:55	18:27	11:32	06:31	18:51	12:20	06:04	19:18	13:14	12:41
59	FRI	28	FEB	06:54	18:28	11:34	06:30	18:52	12:21	06:03	19:19	13:16	12:41



### SUNRISE, SUNSET and TWILIGHTS at Port Aransas for MAR 2025

			SUN	RISE/SU	JNSET	CIV	'IL TWII	JIGHT	NAU	TICAL 1	WILIGH	IT	
JDA	Y	DA	ΤE	RISE	SET	LNGT	H STAR	T END	LNGHI	STAR	T END	LNGT	'H LAN
		h	:m	h:m	h:m	h:m	h:m	h:m	h:m	h:m	h:m	h:m	
60	SAT	1	MAR	06:53	18:29	11:36	06:29	18:52	12:23	06:02	19:19	13:17	12:41
61	SUN	2	MAR	06:52	18:29	11 <b>:</b> 37	06:28	18:53	12:24	06:01	19:20	13:19	12:41
62	MON	3	MAR	06:51	18:30	11:39	06:27	18:53	12:26	06:00	19:21	13:20	12:40
63	TUE	4	MAR	06:50	18:30	11:41	06:26	18:54	12:28	05:59	19:21	13:22	12:40
64	WED	5	MAR	06:49	18:31	11:42	06:25	18:55	12:29	05:58	19:22	13:23	12:40
65	THU	6	MAR	06:48	18:32	11:44	06:24	18:55	12:31	05:57	19:22	13:25	12:40
66	FRI	7	MAR	06:47	18 <b>:</b> 32	11 <b>:</b> 45	06:23	18:56	12:32	05:56	19:23	13:27	12:40
67	SAT	8	MAR	06:46	18:33	11:47	06:22	18:56	12:34	05:55	19:23	13:28	12:39
68	SUN	9	MAR	07:45	19:33	11:49	07:21	19 <b>:</b> 57	12:36	06:54	20:24	13:30	13:39
69	MON	10	MAR	07:44	19:34	11:50	07:20	19 <b>:</b> 57	12:37	06:53	20:25	13:32	13:39
70	TUE	11	MAR	07:42	19 <b>:</b> 35	11:52	07:19	19 <b>:</b> 58	12:39	06:52	20:25	13:33	13:39
71	WED	12	MAR	07:41	19:35	11:54	07:18	19:59	12:41	06:51	20:26	13:35	13:38
72	THU	13	MAR	07:40	19:36	11:55	07:17	19:59	12:42	06:50	20:26	13:37	13:38
73	FRI	14	MAR	07 <b>:</b> 39	19:36	11:57	07:16	20:00	12:44	06:49	20:27	13:38	13:38
74	SAT	15	MAR	07:38	19:37	11:59	07:15	20:00	12:46	06:47	20:27	13:40	13:37
75	SUN	16	MAR	07:37	19 <b>:</b> 37	12:00	07:14	20:01	12:47	06:46	20:28	13:42	13:37
76	MON	17	MAR	07:36	19:38	12:02	07:12	20:01	12:49	06:45	20:28	13:43	13:37
77	TUE	18	MAR	07 <b>:</b> 35	19:38	12:04	07:11	20:02	12:51	06:44	20:29	13:45	13:37
78	WED	19	MAR	07:34	19:39	12:05	07:10	20:02	12:52	06:43	20:30	13:47	13:36
79	THU	20	MAR	07:32	19:40	12:07	07:09	20:03	12:54	06:42	20:30	13:48	13:36
80	FRI	21	MAR	07:31	19:40	12:09	07:08	20:03	12:56	06:41	20:31	13:50	13:36
81	SAT	22	MAR	07:30	19:41	12:10	07:07	20:04	12:57	06:39	20:31	13:52	13:35
82	SUN	23	MAR	07:29	19:41	12:12	07:06	20:05	12:59	06:38	20:32	13:54	13:35
83	MON	24	MAR	07:28	19:42	12:14	07:04	20:05	13:01	06:37	20:32	13:55	13:35
84	TUE	25	MAR	07:27	19:42	12:15	07:03	20:06	13:02	06:36	20:33	13:57	13:34
85	WED	26	MAR	07:26	19:43	12:17	07:02	20:06	13:04	06:35	20:34	13:59	13:34
86	THU	27	MAR	07:24	19:43	12:19	07:01	20:07	13:06	06:34	20:34	14:00	13:34
87	FRI	28	MAR	07:23	19:44	12:20	07:00	20:07	13:07	06:32	20 <b>:</b> 35	14:02	13:34
88	SAT	29	MAR	07:22	19:44	12:22	06:59	20:08	13:09	06:31	20:35	14:04	13:33
89	SUN	30	MAR	07:21	19:45	12:24	06:58	20:08	13:11	06:30	20:36	14:06	13:33
90	MON	31	MAR	07:20	19:45	12:25	06:56	20:09	13:12	06:29	20:36	14:08	13:33



SUNRISE, SUNSET and TWILIGHTS at Port Aransas for APR 2025

	SUI	NRISE/SUNSET	CIV	'IL TWII	JIGHT	NAU	TICAL I	WILIGH	IT	
JDAY	DATE	RISE SET	LNGTI	H STAR	T END	LNGHI	STAR	r end	LNGT	H LAN
	h:m	h:m h:m	h:m	h:m	h:m	h:m	h:m	h:m	h:m	
91 TUE	1 APR	07:19 19:46	12:27	06:55	20:09	13:14	06:28	20:37	14:09	13:32
92 WEI	2 APR	07:18 19:46	12:29	06:54	20:10	13:16	06:27	20:38	14:11	13:32
93 THU	3 APR	07:17 19:47	12:30	06:53	20:11	13:18	06:25	20:38	14:13	13:32
94 FRI	4 APR	07:15 19:47	12:32	06:52	20:11	13:19	06:24	20:39	14:15	13:31
95 SAI	5 APR	07:14 19:48	12:34	06:51	20:12	13:21	06:23	20:39	14:16	13:31
96 SUN	6 APR	07:13 19:48	12:35	06:50	20:12	13:23	06:22	20:40	14:18	13:31
97 MON	7 APR	07:12 19:49	12:37	06:48	20:13	13:24	06:21	20:41	14:20	13:31
98 TUE	8 APR	07:11 19:50	12:38	06:47	20:13	13:26	06:19	20:41	14:22	13:30
99 WEI	9 APR	07:10 19:50	12:40	06:46	20:14	13:28	06:18	20:42	14:24	13:30
100 TH	J 10 APR	07:09 19:51	. 12:42	06:45	20:14	13:29	06:17	20:42	14:25	13:30
101 FR	[ 11 APR	07:08 19:51	. 12:43	06:44	20:15	13:31	06:16	20:43	14:27	13:29
102 SA	r 12 Apr	07:07 19:52	2 12:45	06:43	20:16	13:33	06:15	20:44	14:29	13:29
103 SU	N 13 APR	07:06 19:52	2 12:46	06:42	20:16	13:34	06:14	20:44	14:31	13:29
104 MO	N 14 APR	07:05 19:53	3 12:48	06:41	20 <b>:</b> 17	13:36	06:13	20:45	14:32	13:29
105 TU	E 15 APR	07:04 19:53	3 12:50	06:40	20:17	13:38	06:11	20:46	14:34	13:28
106 WE	D 16 APR	07:03 19:54	12:51	06:39	20:18	13:39	06:10	20:46	14:36	13:28
107 TH	J 17 APR	07:02 19:54	12:53	06:38	20:18	13:41	06:09	20:47	14:38	13:28
108 FR	I 18 APR	07:01 19:55	5 12:54	06:36	20:19	13:43	06:08	20:48	14:39	13:28
109 SA	F 19 APF	07:00 19:55	5 12:56	06:35	20:20	13:44	06:07	20:48	14:41	13:28
110 SU	N 20 APF	06:59 19:56	5 12:57	06:34	20:20	13:46	06:06	20:49	14:43	13:27
111 MO	N 21 APF	06:58 19:57	/ 12:59	06:33	20:21	13 <b>:</b> 47	06:05	20:50	14:45	13:27
112 TU	E 22 APF	06:57 19:57	/ 13:00	06:32	20:21	13:49	06:04	20:50	14:46	13:27
113 WE	D 23 APF	06:56 19:58	3 13:02	06:31	20:22	13:51	06:03	20:51	14:48	13:27
114 TH	J 24 APF	06:55 19:58	3 13:03	06:30	20:23	13 <b>:</b> 52	06:02	20:52	14:50	13:27
115 FR	I 25 APF	06:54 19:59	) 13:05	06:29	20:23	13:54	06:01	20:52	14:52	13:26
116 SA	F 26 APF	06:53 19:59	) 13:06	06:29	20:24	13:55	06:00	20:53	14 <b>:</b> 53	13:26
117 SU	N 27 APF	06:52 20:00	) 13:08	06:28	20:25	13 <b>:</b> 57	05:59	20:54	14:55	13:26
118 MO	N 28 APF	06:51 20:01	. 13:09	06:27	20 <b>:</b> 25	13 <b>:</b> 58	05:58	20:54	14:57	13:26
119 TU	E 29 APF	06:50 20:01	. 13:11	06:26	20:26	14:00	05 <b>:</b> 57	20:55	14:59	13:26
120 WE	D 30 APF	06:50 20:02	2 13:12	06:25	20:26	14:02	05:56	20:56	15:00	13:26

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### SUNRISE, SUNSET and TWILIGHTS at Port Aransas for MAY 2025

			SUN	RISE/SU	NSET	CIV	IL TWIL	IGHT	NAU	TICAL T	WILIGH	Т	
JDAY		DA	ΓE	RISE	SET	LNGTH	I STARI	r end	LNGHI	' STARI	END	LNGTH	i lan
		h	m	h:m 1	ı:m	h:m	h:m ł	ı:m	h:m	h:m	h:m	h:m	
121 T	CHU	1	MAY	06:49	20:02	13:14	06:24	20:27	14:03	05:55	20:56	15:02	13:25
122 F	FRI	2	MAY	06:48	20:03	13:15	06:23	20:28	14:05	05:54	20:57	15:04	13:25
123 S	SAT	3	MAY	06:47	20:03	13:16	06:22	20:28	14:06	05:53	20:58	15:05	13:25
124 S	SUN	4	MAY	06:46	20:04	13:18	06:21	20:29	14:08	05:52	20:59	15:07	13:25
125 M	ION	5	MAY	06:46	20:05	13:19	06:21	20:30	14:09	05:51	20:59	15:08	13:25
126 T	ΓUE	6	MAY	06:45	20:05	13:20	06:20	20:30	14:10	05 <b>:</b> 50	21:00	15:10	13:25
127 W	VED	7	MAY	06:44	20:06	13:22	06:19	20:31	14:12	05:49	21:01	15:12	13:25
128 I	ΓHU	8	MAY	06:43	20:06	13:23	06:18	20:31	14:13	05 <b>:</b> 48	21:01	15:13	13:25
129 F	FRI	9	MAY	06:43	20:07	13:24	06:17	20:32	14:15	05:47	21:02	15:15	13:25
130 S	SAT	10	MAY	06:42	20:08	13:26	06:17	20:33	14:16	05 <b>:</b> 47	21:03	15:16	13:25
131 S	SUN	11	MAY	06:41	20:08	13:27	06:16	20:33	14:17	05:46	21:04	15:18	13:25
132 M	MON	12	MAY	06:41	20:09	13:28	06:15	20:34	14:19	05:45	21:04	15:19	13:25
133 I	TUE	13	MAY	06:40	20:09	13:29	06:15	20:35	14:20	05:44	21:05	15:21	13:25
134 W	WED	14	MAY	06:39	20:10	13:30	06:14	20 <b>:</b> 35	14:21	05:44	21:06	15:22	13:25
135 I	THU	15	MAY	06:39	20:10	13:32	06:13	20:36	14:23	05:43	21:06	15:24	13:25
136 F	FRI	16	MAY	06:38	20:11	13:33	06:13	20 <b>:</b> 37	14:24	05:42	21:07	15:25	13:25
137 S	SAT	17	MAY	06:38	20:12	13:34	06:12	20 <b>:</b> 37	14:25	05 <b>:</b> 42	21:08	15:26	13:25
138 S	SUN	18	MAY	06:37	20:12	13:35	06:12	20:38	14:26	05 <b>:</b> 41	21:09	15:28	13 <b>:</b> 25
139 M	MON	19	MAY	06:37	20:13	13:36	06:11	20:38	14:27	05:40	21:09	15 <b>:</b> 29	13:25
140 I	TUE	20	MAY	06:36	20:13	13:37	06:11	20:39	14:29	05 <b>:</b> 40	21:10	15 <b>:</b> 30	13:25
141 V	WED	21	MAY	06:36	20:14	13:38	06:10	20:40	14:30	05:39	21:11	15:32	13:25
142 1	THU	22	MAY	06:35	20:14	13:39	06:10	20:40	14 <b>:</b> 31	05:39	21:11	15:33	13:25
143 B	FRI	23	MAY	06:35	20:15	13:40	06:09	20:41	14 <b>:</b> 32	05:38	21:12	15:34	13:25
144 5	SAT	24	MAY	06:35	20:16	13:41	06:09	20:42	14:33	05 <b>:</b> 38	21:13	15:35	13:25
145 5	SUN	25	MAY	06:34	20:16	13:42	06:08	20:42	14:34	05:37	21:13	15:36	13:25
146 N	MON	26	MAY	06:34	20:17	13:43	06:08	20:43	14 <b>:</b> 35	05 <b>:</b> 37	21:14	15 <b>:</b> 37	13:25
147 1	TUE	27	MAY	06:34	20:17	13:44	06:08	20:43	14:36	05:36	21 <b>:</b> 15	15:38	13:25
148 V	WED	28	MAY	06:33	20:18	13:44	06:07	20:44	14 <b>:</b> 37	05:36	21:15	15:40	13:26
149 1	THU	29	MAY	06:33	20:18	13:45	06:07	20:44	14 <b>:</b> 38	05 <b>:</b> 35	21:16	15:41	13:26
150 H	FRI	30	MAY	06:33	20:19	13 <b>:</b> 46	06:07	20:45	14:38	05 <b>:</b> 35	21:17	15:41	13:26
151 \$	SAT	31	MAY	06:33	20:19	13:47	06:06	20:46	14:39	05 <b>:</b> 35	21:17	15:42	13:26

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# SUNRISE, SUNSET and TWILIGHTS at Port Aransas for JUN 2025

	SU	NRISE/SUNSET	CIV	IL TWIL	IGHT	NAU	FICAL T	WILIGH	Т	
JDAY	DATE	RISE SET	LNGTH	H STAR	r end	LNGHI	' STARI	END	LNGTH	LAN
	h:m	h:m h:m	h:m	h:m 1	h:m	h:m	h:m	h:m	h:m	
152 SUN	1 JU	N 06:32 20:20	13:47	06:06	20:46	14:40	05:34	21:18	15:43	13:26
153 MON	2 JU	N 06:32 20:20	13:48	06:06	20 <b>:</b> 47	14:41	05:34	21:18	15:44	13:26
154 TUE	3 JU	N 06:32 20:21	13:49	06:06	20:47	14:41	05:34	21:19	15:45	13:26
155 WED	4 JU	N 06:32 20:21	13:49	06:05	20:48	14:42	05:34	21:19	15:46	13:27
156 THU	5 JU	N 06:32 20:22	13:50	06:05	20 <b>:</b> 48	14:43	05:33	21:20	15:47	13:27
157 FRI	6 JU	N 06:32 20:22	13:50	06:05	20:49	14:43	05:33	21:21	15:47	13:27
158 SAT	7 JU	N 06:32 20:23	13:51	06:05	20:49	14:44	05:33	21:21	15:48	13:27
159 SUN	8 JU	N 06:32 20:23	13:51	06:05	20:50	14:44	05:33	21:22	15:48	13:27
160 MON	9 JU	N 06:32 20:23	13:52	06:05	20:50	14:45	05:33	21:22	15:49	13:27
161 TUE	10 JU	N 06:31 20:24	13:52	06:05	20:50	14:45	05:33	21:22	15:50	13:28
162 WED	11 JU	N 06:32 20:24	13:53	06:05	20:51	14:46	05:33	21:23	15:50	13:28
163 THU	12 JU	N 06:32 20:25	13:53	06:05	20:51	14:46	05:33	21:23	15:50	13:28
164 FRI	13 JU	N 06:32 20:25	13:53	06:05	20:52	14:47	05:33	21:24	15:51	13:28
165 SAT	14 JU	N 06:32 20:25	13:54	06:05	20:52	14:47	05:33	21:24	15:51	13:28
166 SUN	15 JU	N 06:32 20:26	13:54	06:05	20 <b>:</b> 52	14:47	05:33	21:24	15:52	13:29
167 MON	16 JU	N 06:32 20:26	13:54	06:05	20 <b>:</b> 53	14:47	05:33	21:25	15:52	13:29
168 TUE	17 JU	N 06:32 20:26	13:54	06:05	20:53	14:48	05:33	21:25	15:52	13:29
169 WED	18 JU	N 06:32 20:26	13:54	06:05	20 <b>:</b> 53	14:48	05:33	21:25	15:52	13:29
170 THU	19 JU	N 06:32 20:27	13:54	06:06	20:53	14 <b>:</b> 48	05:33	21:26	15:52	13:30
171 FRI	20 JU	N 06:32 20:27	13:54	06:06	20:54	14:48	05:34	21:26	15:52	13:30
172 SAT	21 JU	N 06:33 20:27	13:54	06:06	20:54	14:48	05:34	21:26	15:52	13:30
173 SUN	22 JU	N 06:33 20:27	13:54	06:06	20:54	14:48	05:34	21:26	15:52	13:30
174 MON	23 JU	N 06:33 20:28	13:54	06:06	20:54	14:48	05:34	21:26	15:52	13:30
175 TUE	24 JU	N 06:33 20:28	13:54	06:07	20:54	14:48	05:34	21:27	15:52	13:31
176 WED	25 JU	N 06:34 20:28	13:54	06:07	20:55	14:48	05:35	21:27	15:52	13:31
177 THU	26 JU	N 06:34 20:28	13:54	06:07	20:55	14:47	05:35	21:27	15:52	13:31
178 FRI	27 JU	N 06:34 20:28	13:54	06:08	20:55	14:47	05:35	21:27	15:51	13:31
179 SAT	28 JU	N 06:35 20:28	13:54	06:08	20:55	14:47	05:36	21:27	15:51	13:31
180 SUN	29 JU	N 06:35 20:28	13:53	06:08	20:55	14:47	05:36	21:27	15:51	13:32
181 MON	30 JU	N 06:35 20:28	13:53	06:09	20:55	14:46	05:37	21:27	15:50	13:32



SUNRISE, SUNSET and TWILIGHTS at Port Aransas for JUL 2025

		SUN	RISE/SU	NSET	CIV	IL TWIL	IGHT	NAU	TICAL T	WILIGH	Т	
JDAY	DA	ſΈ	RISE	SET	LNGTH	I START	r end	LNGHI	STARI	END	LNGTH	LAN
	h	m	h:m ł	n:m	h:m	h:m ł	ı:m	h:m	h:m	h:m	h:m	
182 TUE	1	JUL	06:36	20:28	13:53	06:09	20:55	14:46	05:37	21:27	15:50	13:32
183 WED	2	JUL	06:36	20:28	13:52	06:09	20:55	14:45	05:37	21:27	15:50	13:32
184 THU	3	JUL	06:36	20:28	13:52	06:10	20:55	14:45	05:38	21:27	15:49	13:32
185 FRI	4	JUL	06:37	20:28	13:51	06:10	20:55	14:44	05:38	21:27	15:48	13:33
186 SAT	5	JUL	06:37	20:28	13:51	06:11	20:55	14:44	05:39	21:27	15:48	13:33
187 SUN	6	JUL	06:38	20:28	13:50	06:11	20:54	14:43	05:39	21:26	15:47	13:33
188 MON	7	JUL	06:38	20:28	13:50	06:12	20:54	14:43	05:40	21:26	15:46	13:33
189 TUE	8	JUL	06:39	20:28	13:49	06:12	20:54	14:42	05:40	21:26	15:46	13:33
190 WED	9	JUL	06:39	20:28	13:49	06:13	20:54	14:41	05:41	21:26	15:45	13:33
191 THU	10	JUL	06:39	20:27	13:48	06:13	20:54	14:41	05:41	21:25	15:44	13:33
192 FRI	11	JUL	06:40	20:27	13:47	06:14	20:54	14:40	05:42	21:25	15:43	13:34
193 SAT	12	JUL	06:40	20:27	13:47	06:14	20:53	14:39	05:42	21:25	15:42	13 <b>:</b> 34
194 SUN	13	JUL	06:41	20:27	13:46	06:15	20:53	14:38	05:43	21:25	15:41	13:34
195 MON	14	JUL	06:41	20:26	13:45	06:15	20:53	14:37	05:44	21:24	15:40	13:34
196 TUE	15	JUL	06:42	20:26	13:44	06:16	20:52	14:37	05:44	21:24	15:39	13:34
197 WED	16	JUL	06:42	20:26	13:44	06:16	20:52	14:36	05:45	21:23	15 <b>:</b> 38	13:34
198 THU	17	JUL	06:43	20:26	13:43	06:17	20:52	14:35	05:45	21:23	15:37	13:34
199 FRI	18	JUL	06:43	20:25	13:42	06:17	20:51	14:34	05:46	21:22	15:36	13:34
200 SAT	19	JUL	06:44	20:25	13:41	06:18	20:51	14:33	05:47	21:22	15:35	13:34
201 SUN	20	JUL	06:44	20:24	13:40	06:19	20 <b>:</b> 50	14:32	05:47	21:21	15:34	13:34
202 MON	21	JUL	06:45	20:24	13:39	06:19	20:50	14:31	05:48	21:21	15:33	13:34
203 TUE	22	JUL	06:45	20:23	13:38	06:20	20:49	14:30	05:49	21:20	15:32	13:34
204 WED	23	JUL	06:46	20:23	13:37	06:20	20:49	14:29	05:49	21:20	15:30	13:35
205 THU	24	JUL	06:47	20:23	13:36	06:21	20:48	14:27	05:50	21:19	15:29	13:35
206 FRI	25	JUL	06:47	20:22	13:35	06:21	20:48	14:26	05:51	21:18	15:28	13:35
207 SAT	26	JUL	06:48	20:21	13:34	06:22	20:47	14:25	05:51	21:18	15:26	13:35
208 SUN	27	JUL	06:48	20:21	13 <b>:</b> 33	06:23	20:46	14:24	05:52	21:17	15:25	13:35
209 MON	28	JUL	06:49	20:20	13:32	06:23	20:46	14:23	05:53	21:16	15:24	13:35
210 TUE	29	JUL	06:49	20:20	13:30	06:24	20:45	14:21	05:53	21:16	15:22	13:34
211 WED	30	JUL	06:50	20:19	13:29	06:24	20:44	14:20	05:54	21:15	15:21	13:34
212 THU	31	JUL	06:50	20:18	13:28	06:25	20:44	14:19	05:55	21:14	15:19	13:34



### SUNRISE, SUNSET and TWILIGHTS at Port Aransas for AUG 2025

			SUN	RISE/SU	NSET	CIV	IL TWIL	IGHT	NAU	TICAL T	WILIGH	Т	
JDAY	Č	DAT	ΓE	RISE	SET	LNGTH	H STAR	r end	LNGHI	STAR	r end	LNGTH	I LAN
		h:	m	h:m ł	n:m	h:m	h:m 1	n:m	h:m	h:m	h:m	h:m	
213	FRI	1	AUG	06:51	20:18	13:27	06:26	20:43	14:17	05 <b>:</b> 55	21:13	15:18	13:34
214	SAT	2	AUG	06 <b>:</b> 51	20:17	13:26	06:26	20:42	14:16	05:56	21:12	15:16	13:34
215	SUN	3	AUG	06 <b>:</b> 52	20:16	13:24	06:27	20:42	14:15	05:57	21:12	15:15	13:34
216	MON	4	AUG	06:53	20:16	13:23	06:27	20:41	14:13	05:57	21:11	15:13	13:34
217	TUE	5	AUG	06:53	20:15	13:22	06:28	20:40	14:12	05:58	21:10	15:12	13:34
218	WED	6	AUG	06:54	20:14	13:21	06:29	20:39	14:11	05:59	21:09	15:10	13:34
219	THU	7	AUG	06:54	20:13	13:19	06:29	20:38	14:09	05:59	21:08	15:09	13:34
220	FRI	8	AUG	06:55	20:13	13:18	06:30	20:37	14:08	06:00	21:07	15:07	13:34
221	SAT	9	AUG	06:55	20:12	13:17	06:30	20:37	14:06	06:01	21:06	15:05	13:34
222	SUN	10	AUG	06:56	20:11	13 <b>:</b> 15	06:31	20:36	14:05	06:01	21:05	15:04	13:33
223	MON	11	AUG	06:56	20:10	13:14	06:32	20:35	14:03	06:02	21:04	15:02	13:33
224	TUE	12	AUG	06:57	20:09	13:12	06:32	20:34	14:02	06:03	21:03	15:01	13:33
225	WED	13	AUG	06:57	20:08	13:11	06:33	20:33	14:00	06:03	21:02	14:59	13:33
226	THU	14	AUG	06:58	20:07	13:10	06:33	20:32	13:59	06:04	21:01	14:57	13:33
227	FRI	15	AUG	06:58	20:07	13:08	06:34	20:31	13:57	06:05	21:00	14:56	13:32
228	SAT	16	AUG	06:59	20:06	13:07	06:34	20:30	13:56	06:05	20:59	14:54	13:32
229	SUN	17	AUG	06:59	20:05	13:05	06:35	20:29	13:54	06:06	20:58	14:52	13:32
230	MON	18	AUG	07:00	20:04	13:04	06:35	20:28	13:53	06:07	20:57	14:50	13:32
231	TUE	19	AUG	07:00	20:03	13:02	06:36	20:27	13:51	06:07	20:56	14:49	13:32
232	WED	20	AUG	07:01	20:02	13:01	06:37	20:26	13:50	06:08	20:55	14:47	13:31
233	THU	21	AUG	07:01	20:01	12:59	06:37	20:25	13:48	06:08	20:54	14:45	13:31
234	FRI	22	AUG	07:02	20:00	12:58	06:38	20:24	13:46	06:09	20:53	14:44	13:31
235	SAT	23	AUG	07:02	19:59	12:56	06:38	20:23	13:45	06:10	20:51	14:42	13:31
236	SUN	24	AUG	07:03	19:58	12:55	06:39	20:22	13:43	06:10	20:50	14:40	13:30
237	MON	25	AUG	07:03	19 <b>:</b> 57	12:53	06:39	20:21	13:42	06:11	20:49	14:38	13:30
238	TUE	26	AUG	07:04	19:56	12:52	06:40	20:20	13:40	06:11	20:48	14:37	13:30
239	WED	27	AUG	07:04	19:55	12:50	06:40	20:19	13:38	06:12	20:47	14:35	13:30
240	THU	28	AUG	07:05	19:54	12:49	06:41	20:18	13:37	06:13	20:46	14:33	13:29
241	FRI	29	AUG	07:05	19:52	12:47	06:41	20:16	13:35	06 <b>:</b> 13	20:45	14:31	13:29
242	SAT	30	AUG	07:06	19:51	12:46	06:42	20:15	13:33	06:14	20:43	14:30	13:29
243	SUN	31	AUG	07:06	19:50	12:44	06:42	20:14	13:32	06:14	20:42	14:28	13:28



SUNRISE, SUNSET and TWILIGHTS at Port Aransas for SEP 2025

			SUN	RISE/SU	NSET	CIV	IL TWIL	IGHT	NAU	FICAL T	WILIGH	Т	
JDAY	<u>C</u>	DA:	ΓE	RISE	SET	LNGTH	I STAR	r end	LNGHI	STARI	E END	LNGTH	I LAN
		h	m	h:m 1	n:m	h:m	h:m 1	n:m	h:m	h:m	h:m	h:m	
244	MON	1	SEP	07:07	19:49	12:42	06:43	20:13	13:30	06:15	20:41	14:26	13:28
245	TUE	2	SEP	07:07	19:48	12:41	06:43	20:12	13:28	06:15	20:40	14:24	13:28
246	WED	3	SEP	07:08	19:47	12:39	06:44	20:11	13:27	06:16	20:39	14:23	13:27
247	THU	4	SEP	07:08	19:46	12:38	06:44	20:10	13:25	06:17	20:37	14:21	13:27
248	FRI	5	SEP	07:09	19:45	12:36	06:45	20:08	13:23	06:17	20:36	14:19	13:27
249	SAT	6	SEP	07:09	19:44	12:34	06:45	20:07	13:22	06:18	20:35	14:17	13:26
250	SUN	7	SEP	07:10	19:42	12:33	06:46	20:06	13:20	06:18	20:34	14:16	13:26
251	MON	8	SEP	07:10	19:41	12:31	06:46	20:05	13:18	06:19	20:33	14:14	13:26
252	TUE	9	SEP	07:11	19:40	12:30	06:47	20:04	13:17	06:19	20:31	14:12	13:25
253	WED	10	SEP	07 <b>:</b> 11	19:39	12:28	06:47	20:03	13:15	06:20	20:30	14:10	13:25
254	THU	11	SEP	07 <b>:</b> 11	19:38	12:26	06:48	20:01	13:13	06:20	20:29	14:09	13:25
255	FRI	12	SEP	07:12	19:37	12:25	06:48	20:00	13:12	06:21	20:28	14:07	13:24
256	SAT	13	SEP	07:12	19 <b>:</b> 35	12:23	06:49	19:59	13:10	06:21	20:26	14:05	13:24
257	SUN	14	SEP	07:13	19:34	12:21	06:49	19:58	13:08	06:22	20:25	14:03	13:24
258	MON	15	SEP	07:13	19 <b>:</b> 33	12:20	06:50	19:57	13:07	06:22	20:24	14:02	13:23
259	TUE	16	SEP	07:14	19:32	12:18	06:50	19:55	13:05	06:23	20:23	14:00	13:23
260	WED	17	SEP	07:14	19:31	12:17	06:51	19:54	13:03	06:23	20:22	13:58	13:22
261	THU	18	SEP	07:15	19:30	12:15	06:51	19 <b>:</b> 53	13:02	06:24	20:20	13:56	13:22
262	FRI	19	SEP	07:15	19:28	12:13	06:52	19:52	13:00	06:24	20:19	13:55	13:22
263	SAT	20	SEP	07:16	19:27	12:12	06:52	19:51	12:58	06:25	20:18	13:53	13:21
264	SUN	21	SEP	07:16	19:26	12:10	06:53	19:49	12:57	06:25	20:17	13:51	13:21
265	MON	22	SEP	07 <b>:</b> 17	19:25	12:08	06:53	19:48	12:55	06:26	20:16	13:50	13:21
266	TUE	23	SEP	07 <b>:</b> 17	19:24	12:07	06:54	19:47	12:53	06:26	20:14	13:48	13:20
267	WED	24	SEP	07:17	19:23	12:05	06:54	19:46	12:52	06:27	20:13	13:46	13:20
268	THU	25	SEP	07 <b>:</b> 18	19:21	12:03	06:55	19:45	12:50	06:27	20:12	13:45	13:20
269	FRI	26	SEP	07:18	19:20	12:02	06:55	19:44	12:49	06:28	20:11	13:43	13:19
270	SAT	27	SEP	07:19	19:19	12:00	06:56	19:42	12:47	06:28	20:10	13:41	13:19
271	SUN	28	SEP	07:19	19:18	11:58	06:56	19:41	12:45	06:29	20:08	13:40	13:19
272	MON	29	SEP	07:20	19:17	11:57	06:57	19:40	12:44	06:29	20:07	13:38	13:18
273	TUE	30	SEP	07:20	19:16	11:55	06:57	19:39	12:42	06:30	20:06	13:36	13:18

.



#### SUNRISE, SUNSET and TWILIGHTS at Port Aransas for OCT 2025

	SUN	NRISE/SUNSET	CIV	IL TWIL	IGHT	NAU	TICAL T	WILIGH	Т	
JDAY	DATE	RISE SET	LNGTH	I STAR	r end	LNGHI	STAR	END	LNGTH	i lan
	h:m	h:m h:m	h:m	h:m 1	n:m ·	h:m	h:m	h:m	h:m	
274 WED	1 OCT	07:21 19:14	11:54	06:57	19 <b>:</b> 38	12:40	06:30	20:05	13:35	13:18
275 THU	2 OCT	07:21 19:13	11:52	06:58	19:37	12:39	06:31	20:04	13:33	13:17
276 FRI	З ОСТ	07:22 19:12	11 <b>:</b> 50	06 <b>:</b> 58	19:36	12:37	06:31	20:03	13:31	13:17
277 SAT	4 OCT	07:22 19:11	11:49	06:59	19:34	12:35	06:32	20:02	13:30	13:17
278 SUN	5 OCT	07:23 19:10	11:47	06:59	19:33	12:34	06:32	20:00	13:28	13:16
279 MON	6 OCT	07:23 19:09	11 <b>:</b> 45	07:00	19:32	12:32	06:33	19:59	13:27	13:16
280 TUE	7 OCT	07:24 19:08	11:44	07:00	19:31	12:31	06:33	19:58	13:25	13:16
281 WED	8 OCT	07:24 19:07	11 <b>:</b> 42	07:01	19:30	12:29	06:34	19:57	13:23	13:16
282 THU	9 OCT	07:25 19:06	11:41	07:02	19:29	12:27	06:34	19:56	13:22	13:15
283 FRI	10 OCT	07:26 19:04	11:39	07:02	19:28	12:26	06:35	19 <b>:</b> 55	13:20	13:15
284 SAT	11 OCT	07:26 19:03	11 <b>:</b> 37	07:03	19:27	12:24	06:35	19:54	13:19	13:15
285 SUN	12 OCT	07:27 19:02	11:36	07:03	19:26	12:23	06:36	19:53	13:17	13:14
286 MON	13 OCT	07:27 19:01	11:34	07:04	19 <b>:</b> 25	12:21	06:36	19 <b>:</b> 52	13:16	13:14
287 TUE	14 OCT	07:28 19:00	11:32	07:04	19:24	12:20	06:37	19:51	13:14	13:14
288 WED	15 OCT	07:28 18:59	11:31	07:05	19:23	12:18	06:37	19:50	13:13	13:14
289 THU	16 OCT	07:29 18:58	11:29	07:05	19:22	12:17	06:38	19:49	13:11	13:14
290 FRI	17 OCT	07:29 18:57	11:28	07:06	19:21	12:15	06:39	19:48	13:10	13 <b>:</b> 13
291 SAT	18 OCT	07:30 18:56	11:26	07:06	19:20	12:14	06:39	19 <b>:</b> 47	13:08	13:13
292 SUN	19 OCT	07:31 18:55	11:25	07:07	19:19	12:12	06:40	19 <b>:</b> 46	13:07	13:13
293 MON	20 OCT	07:31 18:54	11:23	07:08	19:18	12:11	06:40	19:45	13:05	13:13
294 TUE	21 OCT	07:32 18:53	11:21	07 <b>:</b> 08	19:17	12:09	06:41	19:45	13:04	13:13
295 WED	22 OCT	07:33 18:52	11:20	07:09	19:16	12:08	06:41	19:44	13:02	13:12
296 THU	23 OCT	07:33 18:52	11:18	07:09	19 <b>:</b> 15	12:06	06:42	19:43	13:01	13:12
297 FRI	24 OCT	07:34 18:51	11:17	07:10	19:15	12:05	06:42	19:42	13:00	13:12
298 SAT	25 OCT	07:34 18:50	11:15	07 <b>:</b> 11	19:14	12:03	06:43	19:41	12:58	13:12
299 SUN	26 OCT	07:35 18:49	11:14	07 <b>:</b> 11	19:13	12:02	06:44	19:40	12 <b>:</b> 57	13:12
300 MON	27 OCT	07:36 18:48	11:12	07:12	19:12	12:00	06:44	19:40	12:55	13:12
301 TUE	28 OCT	07:36 18:47	11:11	07:12	19:11	11:59	06:45	19:39	12:54	13:12
302 WED	29 OCT	07:37 18:46	11:09	07:13	19:11	11:57	06:45	19:38	12:53	13:12
303 THU	30 OCT	07:38 18:46	11:08	07:14	19:10	11:56	06:46	19 <b>:</b> 37	12:51	13:12
304 FRI	31 OCT	07:38 18:45	11:06	07:14	19:09	11:55	06:47	19:37	12:50	13:12

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# SUNRISE, SUNSET and TWILIGHTS at Port Aransas for NOV 2025

	SUN	RISE/SUNSET	CIV	IL TWILI	IGHT	NAUI	TICAL T	WILIGH	Т	
JDAY	DATE	RISE SET	LNGTH	i start	' END	LNGHT	STARI	END	LNGTH	I LAN
	h:m	h:m h:m	h:m	h:m h	:m	h:m	h:m	h:m	h:m	
305 SAT	1 NOV	07:39 18:44	11:05	07:15	19:08	11:53	06:47	19:36	12:49	13:12
306 SUN	2 NOV	06:40 17:43	11:04	06:16	18:08	11:52	05:48	18:35	12:48	12:12
307 MON	3 NOV	06:41 17:43	11:02	06:16	18:07	11:51	05:48	18:35	12:46	12:12
308 TUE	4 NOV	06:41 17:42	11:01	06:17	18:06	11:49	05:49	18:34	12:45	12:12
309 WED	5 NOV	06:42 17:41	10:59	06:18	18:06	11:48	05:50	18:34	12:44	12:12
310 THU	6 NOV	06:43 17:41	10:58	06:18	18:05	11:47	05:50	18:33	12:43	12:12
311 FRI	7 NOV	06:43 17:40	10:57	06:19	18:05	11:46	05:51	18:32	12:41	12:12
312 SAT	8 NOV	06:44 17:39	10:55	06:20	18:04	11:44	05:52	18:32	12:40	12:12
313 SUN	9 NOV	06:45 17:39	10:54	06:20	18:03	11:43	05:52	18:31	12:39	12:12
314 MON	10 NOV	06:46 17:38	10:53	06:21	18:03	11:42	05:53	18:31	12:38	12:12
315 TUE	11 NOV	06:46 17:38	10:51	06:22	18:02	11:41	05:54	18:31	12:37	12:12
316 WED	12 NOV	06:47 17:37	10:50	06:22	18:02	11:39	05:54	18:30	12:36	12:12
317 THU	13 NOV	06:48 17:37	10:49	06:23	18:02	11:38	05:55	18:30	12:35	12:12
318 FRI	14 NOV	06:49 17:36	10:48	06:24	18:01	11:37	05:56	18:29	12:34	12:13
319 SAT	15 NOV	06:49 17:36	10:47	06:25	18:01	11:36	05:56	18:29	12:33	12:13
320 SUN	16 NOV	06:50 17:36	10:45	06:25	18:00	11:35	05 <b>:</b> 57	18:29	12:32	12:13
321 MON	17 NOV	06:51 17:35	10:44	06:26	18:00	11:34	05:58	18:28	12:31	12:13
322 TUE	18 NOV	06:52 17:35	10:43	06:27	18:00	11:33	05 <b>:</b> 58	18:28	12:30	12:13
323 WED	19 NOV	06:52 17:34	10:42	06:28	17 <b>:</b> 59	11:32	05:59	18:28	12:29	12:13
324 THU	20 NOV	06:53 17:34	10:41	06:28	17 <b>:</b> 59	11:31	06:00	18:28	12:28	12:14
325 FRI	21 NOV	06:54 17:34	10:40	06:29	17:59	11:30	06:01	18:27	12:27	12:14
326 SAT	22 NOV	06:55 17:34	10:39	06:30	17:59	11:29	06:01	18:27	12:26	12:14
327 SUN	23 NOV	06:56 17:33	10:38	06:31	17 <b>:</b> 58	11:28	06:02	18:27	12:25	12:14
328 MON	24 NOV	06:56 17:33	10:37	06:31	17 <b>:</b> 58	11:27	06:03	18:27	12:24	12:15
329 TUE	25 NOV	06:57 17:33	10:36	06:32	17:58	11:26	06:03	18:27	12:24	12:15
330 WED	26 NOV	06:58 17:33	10:35	06:33	17 <b>:</b> 58	11:25	06:04	18:27	12:23	12:15
331 THU	27 NOV	06:59 17:33	10:34	06:33	17 <b>:</b> 58	11:25	06:05	18:27	12:22	12:16
332 FRI	28 NOV	06:59 17:33	10:33	06:34	17 <b>:</b> 58	11:24	06:05	18:27	12:21	12:16
333 SAT	29 NOV	07:00 17:33	10:32	06:35	17 <b>:</b> 58	11:23	06:06	18:27	12:21	12:16
334 SUN	30 NOV	07:01 17:33	10:32	06:36	17:58	11:22	06:07	18:27	12:20	12:17



# SUNRISE, SUNSET and TWILIGHTS at Port Aransas for DEC 2025

	SUI	NRISE/SUNSET	CIV	IL TWIL	IGHT	NAU	FICAL T	WILIGH	т	
JDAY	DATE	RISE SET	LNGTH	I STAR	f END	LNGHI	STAR	E END	LNGTH	I LAN
	h:m	h:m h:m	h:m	h:m 1	n:m	h:m	h:m	h:m	h:m	
335 MON	1 DEC	07:02 17:33	10:31	06:36	17 <b>:</b> 58	11:22	06:08	18:27	12:19	12:17
336 TUE	2 DEC	07:03 17:33	10:30	06 <b>:</b> 37	17 <b>:</b> 58	11:21	06:08	18:27	12:19	12:18
337 WED	3 DEC	07:03 17:33	10:29	06:38	17 <b>:</b> 58	11:20	06:09	18:27	12:18	12:18
338 THU	4 DEC	07:04 17:33	10:29	06:39	17 <b>:</b> 58	11:20	06:10	18:27	12:18	12:18
339 FRI	5 DEC	07:05 17:33	10:28	06:39	17 <b>:</b> 58	11:19	06:10	18:27	12:17	12:19
340 SAT	6 DEC	07:05 17:33	10:27	06:40	17 <b>:</b> 58	11:18	06:11	18:27	12:17	12:19
341 SUN	7 DEC	07:06 17:33	10:27	06:41	17 <b>:</b> 59	11:18	06:12	18:28	12:16	12:20
342 MON	8 DEC	07:07 17:33	10:26	06:41	17:59	11:17	06:12	18:28	12:16	12:20
343 TUE	9 DEC	07:08 17:33	10:26	06:42	17:59	11:17	06:13	18:28	12:15	12:21
344 WED	10 DEC	07:08 17:34	10:25	06:43	17:59	11 <b>:</b> 17	06:14	18:28	12:15	12:21
345 THU	11 DEC	07:09 17:34	10:25	06:43	18:00	11:16	06:14	18:29	12:14	12:21
346 FRI	12 DEC	07:10 17:34	10:25	06:44	18:00	11:16	06:15	18:29	12:14	12:22
347 SAT	13 DEC	07:10 17:34	10:24	06:45	18:00	11:16	06:15	18:29	12:14	12:22
348 SUN	14 DEC	07:11 17:35	10:24	06:45	18:00	11:15	06:16	18:30	12:14	12:23
349 MON	15 DEC	07:12 17:35	10:24	06:46	18:01	11:15	06:17	18:30	12:13	12:23
350 TUE	16 DEC	07:12 17:36	10:23	06:46	18:01	11:15	06:17	18:30	12:13	12:24
351 WED	17 DEC	07:13 17:36	10:23	06:47	18:02	11:15	06:18	18:31	12:13	12:24
352 THU	18 DEC	07:13 17:36	10:23	06:48	18:02	11:14	06:18	18:31	12:13	12:25
353 FRI	19 DEC	07:14 17:37	10:23	06:48	18:03	11:14	06:19	18:32	12:13	12:25
354 SAT	20 DEC	c 07:14 17:37	10:23	06:49	18:03	11:14	06:19	18:32	12:13	12:26
355 SUN	21 DEC	07:15 17:38	10:23	06:49	18:03	11:14	06:20	18:33	12:13	12:26
356 MON	22 DEC	07:15 17:38	10:23	06:50	18:04	11:14	06:20	18:33	12:13	12:27
357 TUE	23 DEC	07:16 17:39	10:23	06:50	18:04	11:14	06:21	18:34	12:13	12:27
358 WED	24 DEC	07:16 17:39	10:23	06:51	18:05	11:14	06:21	18:34	12:13	12:28
359 THU	25 DEC	07:17 17:40	10:23	06:51	18:06	11:15	06:22	18:35	12:13	12:28
360 FRI	26 DEC	07:17 17:40	10:23	06:51	18:06	11:15	06:22	18:35	12:13	12:29
361 SAT	27 DEC	07:18 17:41	10:23	06:52	18:07	11:15	06:23	18:36	12:13	12:29
362 SUN	28 DEC	07:18 17:42	10:24	06:52	18:07	11:15	06:23	18:37	12:13	12:30
363 MON	29 DEC	07:18 17:42	10:24	06:53	18:08	11:15	06:23	18:37	12:14	12:30
364 TUE	30 DEC	07:19 17:43	10:24	06:53	18:09	11:16	06:24	18:38	12:14	12:31
365 WED	31 DEC	07:19 17:44	10:25	06:53	18:09	11:16	06:24	18:38	12:14	12:31

EARLIEST SUNRISE	=	161	TUE	10	JUN	06:31
LATEST SUNRISE	==	68	SUN	9	MAR	07:45
EARLIEST SUNSET	==	335	MON	1	DEC	17:33
LATEST SUNSET	=	182	TUE	1	JUL	20:28
LONGEST DAY	=	172	SAT	21	JUN	13:54
SHORTEST DAY	=	355	SUN	21	DEC	10:23

Anthony F. Amos was a research fellow and past-director of the then Animal Rehabilitation Keep. He passed away in September of 2017. As an animal rehabilitator and oceanographer, he left a legacy that continues today. Prior to his passing Mr. Amos generated tide predictions through 2025.

These tidal charts are provided for your personal, non-profit use only, and not intended for navigational use. The charts are provided free of charge, but if you would like to contribute to the Amos Rehabilitation Keep (ARK)here at UTMSI, we would gratefully accept any donations. The ARK rehabilitates injured and sick sea turtles and large aquatic birds such as pelicans, herons, loons, cormorants, gannets, boobies, gulls and terns. Send donation checks to The University of Texas Marine Science Institute, 750 Channel View Drive, Port Aransas, Texas 78373-5015. Make them out to UTMSI, but mark "For the ARK" on the check. All monies donated go towards the maintenance of the facility (food, medicines, supplies, etc.) and no overhead charges are assessed. Donations are fully tax-deductible.

## About Tides

Ocean "tides" are controlled by the gravitational pull of the moon and the sun on the surface of the sea, causing it to rise and fall in a rhythmic pattern which we familiarly call the tides. These are the astronomical tides, and it is these on which this calendar is based. Quite accurate predictions can be made of those changes in water level caused by the moon's and the sun's pull. However, predicting the tides for any location is a complex business and, in fact, is not completely possible because the rise and fall of the sea or of bay and estuary waters is also affected by the following: winds, storms, rainfall, floods, atmospheric pressure, temperature, earthquakes, the shape of the coastline and large-scale alteration of the natural topography (dredged channels, waterways, passes between bays and the sea).

Along the Texas coast the range of the tides (the difference in height between the highs and the lows) is quite small, amounting to less than two feet on average. Because the slopes of our beaches are slight and our bays are shallow, the tide is nonetheless very important to coastal residents, navigation, commerce, and recreation. There are many peculiarities about our tides some of which will be explained here without going into too much technical detail. There are 37 different periods of tidal fluctuation which go into the prediction of the tides. Two of those periods dominate: the once-per-day high and low (diurnal) tide, and the twice-per-day high and low (semidiurnal) tide. Unlike most places on the East Coast of the US, for example, where they get two high tides and two low tides each day, we get week-long periods of diurnal tides, followed by a week of semidiurnal tides. Because of this, you cannot rely on the time of high tide one day to be a predictable number of minutes later the next day, and so-on (as you can along other US coastlines).

Some say the "tide goes backwards" here (meaning that for a few days the tides progress as above, but then one day, the main tide is at an earlier time than it was the day before). This makes those watches and clocks that show the tides not too reliable here. The diurnal tides here have a much greater range than do the semidiurnal periods. To simplify all these

peculiarities, I have developed tide calendars for several places along the Texas coast. (Note, that only Port Aransas tides are available for 2018-2025).

## The Amos Tide Calendars

Tide-calendars are available showing predicted tides for the Aransas Pass Ship Channel connecting the Gulf of Mexico with Corpus Christi Bay. Predictions are based on measurements of the actual tides at each location. The method needs at least a year of data. At Port Aransas, the data is based on a one-year series of measurements, made in 1993 at the University of Texas Marine Science Institute's Pier Laboratory (located off the South Jetty of the Aransas Pass Ship Channel). From the series, 37 harmonic constituents of the astronomical tide were calculated and used in a modification of the standard National Ocean Survey tidal prediction program to make hourly water-level predictions and establish the times of the highs and lows for each day. The water level is adjusted to Mean Sea Level, rather than the Gulf Coast Datum. Consequently, the annual and semi-annual variation in sea level can be clearly seen in the position of the daily tide fluctuations relative to the zero mean sea level line (compare January when low tides prevail with October when the opposite is true). Each hour is indicated by a vertical line connecting the curve with the zero line. In general, slack water will be at the times which the curve intersects the zero axis, but when the curve is offset as in January and October, some interpolation may be necessary. Flood and ebb tidal currents will be at a maximum at the times of high and low water, respectively. This astronomical tide is often radically changed by strong winds before and during the passage of cold fronts and during extra tropical depressions. The astronomical signal will still be found "riding" on top of the meteorological surges. Past history has shown that the predicted times are quite accurate, although the range of the tides in the predictions is somewhat exaggerated.

Local times of the highs and lows are listed beneath each daily box (all heights are given in feet and all times are local because it is the system most commonly used by the general public). Highs and lows are listed in "order of appearance": if the first tide extreme is a low then the time and height will be preceded by L1 for Low 1; the next tide will be H1 for High 1, etc. (These numbers may be difficult to read on some older VGA screens.) The shaded areas each day show the hours of darkness. Phases of the moon are shown for each day with the New Moon (NM), First Quarter (FQ), Full Moon (FM), and Last Quarter (LQ) marked on the moon symbol where appropriate. The relative size and shape of the moon will be quite close to reality each day, but the moon's orientation is always vertical on the calendar (the author is working on a method of depicting the moon as it appears to the observer). The symbols appear on the night of the day closest to when the phase occurs, e.g., if full moon is at 1215 (24-hour clock) on the 25th of the month, then the symbol will appear straddling midnight of the 25th. Should it occur at 1145, then the symbol will appear on the 24th of the month. Also shown is the Julian Day (JD). In 2015, a non-leap year, 1 January = JD 1, and 31 December = JD 365. These numbers appear either to the upper right or lower right of each daily box. In case you want to know how fast time flies, in the opposite corner of each box, the number of days left in the year is printed. The local time zone in use is given at the top of each monthly chart. On the days when Daylight Savings Time comes into effect in April and reverts to standard time in October, the symbol "CDT" for Central Daylight Time, or "CST" for Central Standard Time appears. The appropriate

day's length will be 23 hours in April and 25 hours in October. Notice how this messes up a perfectly good calendar. This was one of the more difficult aspects of the calendar to program.