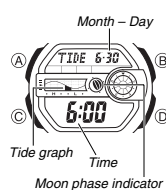


5. While the setting you want to change is flashing, use (D) and (B) to change it as described below.

Setting	Screen	Button Operations
Longitude Value	LONG 140° E	Use (D) (+) and (B) (-) to change the setting. • You can specify a value from 0° to 180°, in 1-degree units.
Longitude (East/West)		Use (D) to switch between east longitude (E) and west longitude (W).
Lunital Interval Hours, Minutes	INT 5:20	Use (D) (+) and (B) (-) to change the setting.

6. Press (A) to exit the setting screen.

Tide/Moon Data

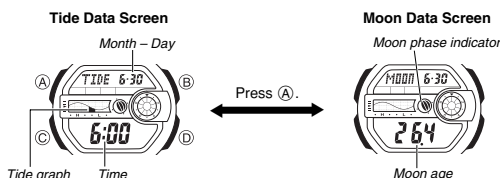


Tide/Moon data lets you view the Moon age and the Moon phase for a particular date, and tidal movements for a particular date and time for your Home Site.

- When you enter the Tide/Moon Data Mode, the data for 6:00 a.m. on the current date appears first.
- If you suspect that the Tide/Moon data is not correct for some reason, check the Timekeeping Mode data (current time, date, and Home Site settings), and make changes as required.
- See "Moon Phase Indicator" for information about the Moon phase indicator and "Tide Graph" for information about the tide graph.
- All of the operations in this section are performed in the Tide/Moon Data Mode, which you enter by pressing (C).

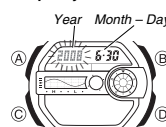
Tide/Moon Data Screens

In the Tide/Moon Data Mode, press (A) to toggle between the Tide Data screen and the Moon Data screen.



- While the Tide Data screen is displayed, press (D) to advance to the next hour.
- While the Moon Data screen is displayed, press (D) to advance to the next day.
- You also can specify a particular date (year, month, day) to view its tide data and Moon data. See "To specify a date" for more information.
- When you enter the Tide/Moon Data Mode, the screen (tide data or Moon data) that was displayed the last time you exited the mode appears first.

To specify a date

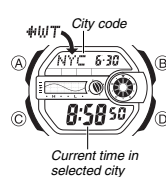


1. In the Tide/Moon Data Mode, hold down (A) until the year setting starts to flash, which indicates the setting screen.
2. Press (C) to move the flashing in the sequence shown below to select the other settings.



3. While a setting is flashing, use (D) (+) or (B) (-) to change it.
 - You can specify a date in the range of January 1, 2000 to December 31, 2099.
4. Press (A) to exit the setting screen.
5. Use (A) to display either the Tide Data screen or the Moon Data screen.

World Time



- World Time shows the current time in 48 cities (29 time zones) around the world.
- The times kept in the World Time Mode are synchronized with the time being kept in the Timekeeping Mode. If you feel that there is an error in any World Time Mode time, check the UTC differential of your Home Site Data (Home City) and the current setting of the Timekeeping Mode time.
 - Select a city code in the World Time Mode to display the current time in any particular time zone around the globe. See the "UTC Differential/City Code List" for information about the UTC differential settings that are supported.
 - All of the operations in this section are performed in the World Time Mode, which you enter by pressing (C).

To view the time in another city

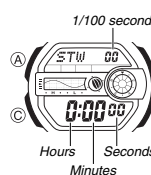
While in the World Time Mode, press (D) to scroll eastwardly through the city codes (time zones).

To toggle a city code time between Standard Time and Daylight Saving Time



1. In the World Time Mode, use (D) to display the city code (time zone) whose Standard Time/Daylight Saving Time setting you want to change.
 2. Hold down (A) to toggle between Daylight Saving Time (DST indicator displayed) and Standard Time (DST indicator not displayed).
- The DST indicator is shown on the World Time Mode screen while Daylight Saving Time is turned on.
 - Note that changing the Daylight Saving Time for any city code causes the setting to be applied to all city codes.

Stopwatch

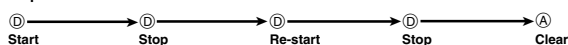


The stopwatch lets you measure elapsed time, split times, and two finishes. It also includes Auto-Start.

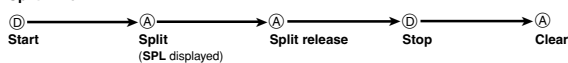
- The display range of the stopwatch is 23 hours, 59 minutes, 59.99 seconds.
- The stopwatch continues to run, restarting from zero after it reaches its limit, until you stop it.
- The stopwatch measurement operation continues even if you exit the Stopwatch Mode.
- Exiting the Stopwatch Mode while a split time is frozen on the display clears the split time and returns to elapsed time measurement.
- All of the operations in this section are performed in the Stopwatch Mode, which you enter by pressing (C).

To measure times with the stopwatch

Elapsed Time



Split Time



Two Finishes



About Auto-Start

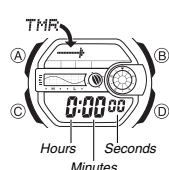
With Auto-Start, the watch performs a 5-second countdown, and stopwatch operation starts automatically when the countdown reaches zero. During the final three seconds of the countdown, a beeper sounds with each second.

To use Auto-Start



1. While the stopwatch screen is showing all zeros in the Stopwatch Mode, press (A).
 - This displays a 5-second countdown screen.
 - To return to the all zeros screen, press (A) again.
2. Press (D) to start the countdown.
 - When the countdown reaches zero, a tone sounds and a stopwatch timing operation starts automatically.
 - Pressing (D) while the Auto-Start countdown is in progress will start the stopwatch immediately.

Countdown Timer



You can set the countdown timer within a range of one minute to 24 hours. An alarm sounds when the countdown reaches zero. The countdown timer also has an auto-repeat feature and a progress beeper that signals the progress of the countdown.

- All of the operations in this section are performed in the Countdown Timer Mode, which you enter by pressing (C).

Configuring the Countdown Timer

The following are the settings you should configure before actually using the countdown timer.
Countdown start time; Auto-repeat on/off; Progress beeper on/off
• See "To configure the countdown timer" for information about setting up the timer.

Auto-repeat

When auto-repeat is turned on, the countdown restarts automatically from the countdown start time when it reaches zero. If left running, the countdown is repeated a total of eight times, after which it stops automatically. When auto-repeat is turned off, the countdown stops when it reaches zero and the display shows the original countdown start time.

- Pressing (D) while an auto-repeat countdown is in progress pauses the current countdown. You can resume the auto-repeat countdown by pressing (D), or you can press (A) to reset to the countdown time starting value.

Countdown Timer Beeper Operations

The watch beeps at various times during a countdown so you can keep informed about the countdown status without looking at the display. The following describes the types of beeper operations the watch performs during a countdown.

Countdown End Beeper

- The countdown end beeper lets you know when the countdown reaches zero.
- When the progress beeper is turned off, the countdown end beeper sounds for about 10 seconds, or until you press any button to stop it.
 - When the progress beeper is turned on, the countdown end beeper sounds for about one second.

Progress Beeper

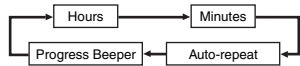
When the progress beeper is turned on, the watch uses beeps to signal countdown progress as described below.

- Starting from five minutes before the end of the countdown, the watch emits four short beeps at the top of each countdown minute.
- 30 seconds before the end of the countdown, the watch emits four short beeps.
- The watch emits a short beep for each of the last 10 seconds of the countdown.
- If the countdown start time is six minutes or greater, the watch emits a short beep for each second of the final 10 seconds before the five-minute point is reached. Four short beeps are emitted to signal when the five-minute point is reached.

To configure the countdown timer



- While the countdown start time is on the display in the Countdown Timer Mode, hold down (A) until the current countdown start time starts to flash, which indicates the setting screen.
 - If the countdown start time is not displayed, use the procedure under "To use the countdown timer" to display it.
- Press (C) to move the flashing in the sequence shown below to select other settings.



- When the setting you want to change is flashing, use (B) and (D) to change it as described below.

Setting	Screen	Button Operation
Hours, Minutes	0:00	Use (D) (+) and (B) (-) to change the setting.
Auto-repeat	REPEAT	Press (D) to toggle auto-repeat on (REPEAT displayed) and off (--- displayed).
Progress Beeper	OFF	Press (D) to toggle the progress beeper on (ON) and off (OFF).

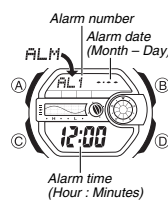
- To specify a countdown start time of 24 hours, set 0:00.
- Press (A) to exit the setting screen.
 - You also can perform steps 1 and 2 of the above procedure whenever you need to view the current auto-repeat and progress beeper settings.

To use the countdown timer



- Press (D) while in the Countdown Timer Mode to start the countdown timer.
- The countdown timer operation continues even if you exit the Countdown Timer Mode.
 - Press (D) while a countdown operation is in progress to pause it. Press (D) again to resume the countdown.
 - To stop a countdown operation completely, first pause it (by pressing (D)), and then press (A). This returns the countdown time to its starting value.

Alarms



- You can set up to three independent multi-function alarms with hour, minutes, month, and day. When an alarm is reached, the alarm tone sounds when the alarm time is reached. One of the alarms is a snooze alarm, while the other two are one-time alarms.
- You also can turn on an Hourly Time Signal that causes the watch to beep twice every hour on the hour.
- There are three alarm screens numbered AL1 and AL2 for the one-time alarm, a snooze alarm screen indicated by SNZ. The Hourly Time Signal screen is indicated by SIG.
 - All of the operations in this section are performed in the Alarm Mode, which you enter by pressing (C).

Alarm Types

The alarm type is determined by the settings you make, as described below.

Daily alarm

Set the hour and minutes for the alarm time. This type of setting causes the alarm to sound everyday at the time you set.

Date alarm

Set the month, day, hour and minutes for the alarm time. This type of setting causes the alarm to sound at the specific time, on the specific date you set.

1-Month alarm

Set the month, hour and minutes for the alarm time. This type of setting causes the alarm to sound everyday at the time you set, only during the month you set.

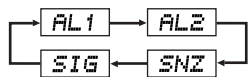
Monthly alarm

Set the day, hour and minutes for the alarm time. This type of setting causes the alarm to sound every month at the time you set, on the day you set.

To set an alarm time



- In the Alarm Mode, use (D) to scroll through the alarm screens until the one whose time you want to set is displayed.



- To set a one-time alarm, display an alarm screen AL1 or AL2. To set the snooze alarm, display the SNZ screen.
 - The snooze alarm repeats every five minutes.
- After you select an alarm, hold down (A) until the hour setting of the alarm time starts to flash, which indicates the setting screen.
 - This operation turns on the alarm automatically.
 - Press (C) to move the flashing in the sequence shown below to select other settings.



- While a setting is flashing, use (D) and (B) to change it as described below.

Screen	To do this:	Do this:
12:00	Change the hour and minutes	Use (D) (+) and (B) (-). • With the 12-hour format, set the time correctly as a.m. or p.m. (P indicator).
---	Change the month and day	To set an alarm that does not include a month and/or day, set - for each setting.

- Press (A) to exit the setting screen.

Alarm Operation

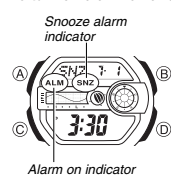
The alarm tone sounds at the preset time for 10 seconds, regardless of the mode the watch is in. In the case of the snooze alarm, the alarm operation is performed a total of seven times, every five minutes, until you turn the alarm off.

- Alarm and Hourly Time Signal operations are performed in accordance with the Timekeeping Mode time.
- To stop the alarm tone after it starts to sound, press any button.
- Performing any one of the following operations during a 5-minute interval between snooze alarms cancels the current snooze alarm operation.
 - Displaying the Timekeeping Mode setting screen
 - Displaying the SET setting screen

To test the alarm

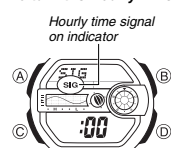
In the Alarm Mode, hold down (D) to sound the alarm.

To turn an alarm on and off



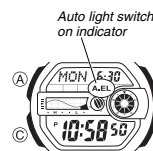
- In the Alarm Mode, use (D) to select an alarm.
- Press (A) to toggle it on and off.
 - Turning on an alarm (AL1, AL2, or SNZ) displays the alarm on indicator (ALM) on its Alarm Mode screen.
 - In all modes, the alarm on indicator is shown for any alarm that is currently turned on.
 - The alarm on indicator flashes while the alarm is sounding.
 - The snooze alarm indicator (SNZ) flashes while the snooze alarm is sounding and during the 5-minute intervals between alarms.

To turn the Hourly Time Signal on and off



- In the Alarm Mode, use (D) to select the Hourly Time Signal (SIG).
- Press (A) to toggle it on and off.
 - The Hourly Time Signal on indicator (SIG) is shown on the display in all modes while this function is turned on.

Illumination



This watch has an EL (electro-luminescent) panel that causes the entire display to glow for easy reading in the dark. The watch's auto light switch turns on illumination automatically when you angle the watch towards your face.

- The auto light switch must be turned on (indicated by the auto light switch on indicator) for it to operate.
- See "Illumination Precautions" for other important information about using illumination.

To illuminate the display manually

- In any mode, press (B) to turn on illumination.
- The above operation turns on illumination regardless of the current auto light switch setting.

- You can use the procedure below to select either 1.5 seconds or 3 seconds as the illumination duration. When you press (B), the illumination will remain on for about 1.5 seconds or 3 seconds, depending on the current illumination duration setting.

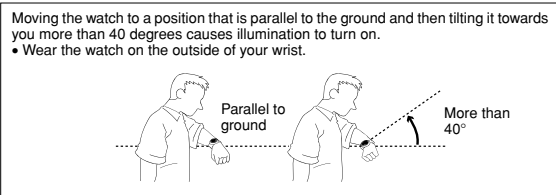
To specify the illumination duration



- In the Timekeeping Mode, hold down (A) until the seconds start to flash, which indicates the setting screen.
- While the seconds are flashing, press (B) to toggle the setting between 1.5 seconds (1.5) and 3 seconds (3).
- Press (A) twice to exit the setting screen.

About the Auto Light Switch

Turning on the auto light switch causes illumination to turn on, whenever you position your wrist as described below in any mode.



Warning!

- Always make sure you are in a safe place whenever you are reading the display of the watch using the auto light switch. Be especially careful when running or engaged in any other activity that can result in accident or injury. Also take care that sudden illumination by the auto light switch does not startle or distract others around you.
- When you are wearing the watch, make sure that its auto light switch is turned off before riding a bicycle or operating a motorcycle or any other motor vehicle. Sudden and unintended operation of the auto light switch can create a distraction, which can result in a traffic accident and serious personal injury.

To turn the auto light switch on and off

- In the Timekeeping Mode, hold down (B) for about three seconds to toggle the auto light switch on (A.EL displayed) and off (A.EL not displayed).
- The auto light switch on indicator (A.EL) is on the display in all modes while the auto light switch is turned on.
- In order to protect against running down the battery, the auto light switch will turn off automatically approximately six hours after you turn it on. Repeat the above procedure to turn the auto light switch back on if you want.

Reference

This section contains more detailed and technical information about watch operation. It also contains important precautions and notes about the various features and functions of this watch.

Moon Phase Indicator

The Moon phase indicator of this watch indicates the current phase of the Moon as shown below.

Moon phase indicator



(part you cannot see) — Moon phase (part you can see)

Moon Phase Indicator								
Moon Age	0.0 - 1.9 27.7 - 29.5	1.9 - 5.5	5.6 - 9.2	9.3 - 12.9	13.0 - 16.6	16.7 - 20.2	20.3 - 23.9	24.0 - 27.6
Moon Phase	New Moon		First Quarter (Waxing)		Full Moon		Last Quarter (Waning)	

- The Moon phase indicator shows the Moon as viewed at noon from a position in the Northern Hemisphere looking south. Note that at times the image shown by the Moon phase indicator may differ from that of the actual Moon in your area.
- The left-right orientation of the Moon phase is reversed when viewing from the Southern Hemisphere or from a point near the equator.

Moon Phases and Moon Age

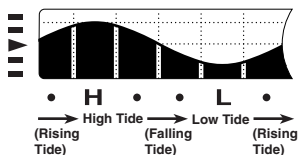
The Moon goes through a regular 29.53-day cycle. During each cycle, the Moon appears to wax and wane as the relative positioning of the Earth, Moon, and Sun changes. The greater the angular distance between the Moon and the Sun, the more we see illuminated.

* The angle to the Moon in relation to the direction at which the Sun is visible from the Earth.

This watch performs a rough calculation of the current Moon age starting from day 0 of the moon age cycle. Since this watch performs calculations using integer values only (no fractions), the margin for error of the displayed Moon age is ± 1 day.

Tide Graph

The Tide Graph has six graphic segments, each of which indicates a different tide level. The current tide level is indicated by the displayed graphic segment.



Tidal Movements

Tides are the periodic rise and fall of the water of oceans, seas, bays, and other bodies of water caused mainly by the gravitational interactions between the Earth, Moon and Sun. Tides rise and fall about every six hours. The tide graph of this watch indicates tidal movement based on the Moon's transit over a meridian and the lunital interval. The lunital interval differs according to your current location, so you must specify a lunital interval in order to obtain the correct tide graph readings. The tide graph displayed by this watch is based on the current Moon age.

Remember that the margin for error of the Moon age displayed by this watch is ± 1 day. The greater the error in a particular Moon age, the greater the error in the resulting tide graph.

Lunital Interval

Theoretically, high tide is at the Moon's transit over the meridian and low tide is about six hours later. Actual high tide occurs somewhat later, due to factors such as viscosity, friction, and underwater topography. Both the time differential between the Moon's transit over the meridian until high tide and the time differential between the Moon's transit over the meridian until low tide are known as the "lunital interval". When setting the lunital interval for this watch, use the time differential between the Moon's transit over the meridian until high tide.

Graphic Area

The information shown in the graphic area depends on the current mode.

Graphic Area



Mode	Graphic Area
Timekeeping	Timekeeping Mode seconds
Tide/Moon Data	No indication
World Time	Timekeeping Mode seconds
Stopwatch	Stopwatch time seconds
Countdown Timer	Countdown time seconds
Alarm	No indication

Flash Alert

When Flash Alert is turned on, the illumination flashes for the alarms, the Hourly Time Signal, the countdown alarm, and stopwatch auto start.

To turn Flash Alert on and off

- In the Timekeeping Mode, hold down (A) for about two seconds until the current time flashes on the display. This is the setting screen.
 - Press (C) eight times to display the Flash Alert setting screen.
 - Press (D) to toggle Flash Alert on (SYAL displayed) and off (--- displayed).
 - Press (A) twice to exit the setting screen.
- The Flash Alert setting you select with the above procedure is applied in all modes.
 - When Flash Alert is on, SYAL appears on the timekeeping screen for about one second whenever you enter the Stopwatch, Countdown Timer, or Alarm Mode.



Button Operation Tone



The button operation tone sounds any time you press one of the watch's buttons. You can turn the button operation tone on or off as desired.

- Even if you turn off the button operation tone, the alarms, the Hourly Time Signal, the countdown alarm, and stopwatch auto start all operate normally.

To turn the button operation tone on and off

In any mode (except when a setting screen is on the display), hold down (C) to toggle the button operation tone on (B not displayed) and off (B displayed).

- Holding down (C) to turn the button operation tone on or off also causes the watch's current mode to change.
- The B indicator is displayed in all modes when the button operation tone is turned off.

Auto Return Features

- If you leave the watch in the Alarm Mode or Tide/Moon Data Mode for two or three minutes without performing any operation, it changes to the Timekeeping Mode automatically.
- If you leave a screen with flashing digits on the display for two or three minutes without performing any operation, the watch exits the setting screen automatically.

Scrolling

The (B) and (D) buttons are used in various modes and setting screens to scroll through data on the display. In most cases, holding down these buttons during a scroll operation scrolls at high speed.

Initial Screens

When you enter the World Time or Alarm Mode, the data you were viewing when you last exited the mode appears first.

Timekeeping

- Resetting the seconds to 00 while the current count is in the range of 30 to 59 causes the minutes to be increased by 1. In the range of 00 to 29, the seconds are reset to 00 without changing the minutes.
- The year can be set in the range of 2000 to 2099.
- The watch's built-in full automatic calendar makes allowances for different month lengths and leap years. Once you set the date, there should be no reason to change it except after you have the watch's battery replaced.

World Time

- The seconds count of the World Time is synchronized with the seconds count of the Timekeeping Mode.
- All World Time Mode times are calculated from the current time in the Timekeeping Mode using UTC time differential values.
- The UTC differential is a value that indicates the time difference between a reference point in Greenwich, England and the time zone where a city is located.
- The letters UTC is the abbreviation for Coordinated Universal Time, which is the world-wide scientific standard of timekeeping. It is based upon carefully maintained atomic (cesium) clocks that keep time accurately to within microseconds. Leap seconds are added or subtracted as necessary to keep UTC in sync with the Earth's rotation.

Illumination Precautions

- The electro-luminescent panel that provides illumination loses power after very long use.
- Illumination may be hard to see when viewed under direct sunlight.
- The watch may emit an audible sound whenever the display is illuminated. This is due to vibration of the EL panel used for illumination, and does not indicate malfunction.
- Illumination turns off automatically whenever an alarm sounds.
- Frequent use of illumination runs down the battery.

Auto light switch precautions

- Avoid wearing the watch on the inside of your wrist. Doing so causes the auto light switch to operate when it is not needed, which shortens battery life. If you want to wear the watch on the inside of your wrist, turn off the auto light switch feature.

More than 15 degrees too high



- Illumination may not turn on if the face of the watch is more than 15 degrees above or below parallel. Make sure that the back of your hand is parallel to the ground.
- Illumination turns off in about one second, even if you keep the watch pointed towards your face.

- Static electricity or magnetic force can interfere with proper operation of the auto light switch. If illumination does not turn on, try moving the watch back to the starting position (parallel with the ground) and then tilt it back toward you again. If this does not work, drop your arm all the way down so it hangs at your side, and then bring it back up again.
- Under certain conditions, illumination may not turn on until about one second after you turn the face of the watch towards you. This does not necessarily indicate malfunction of the auto light switch.
- You may notice a very faint clicking sound coming from the watch when it is shaken back and forth. This sound is caused by mechanical operation of the auto light switch, and does not indicate a problem with the watch.

UTC Differential/City Code List

City Code	City	UTC Differential	Other major cities in same time zone
PPG	Pago Pago	-11.0	
HNL	Honolulu	-10.0	Papeete
ANC	Anchorage	-09.0	Nome
YVR	Vancouver		
SFO	San Francisco	-08.0	Las Vegas, Seattle/Tacoma, Dawson City
LAX	Los Angeles		
DEN	Denver	-07.0	Edmonton, El Paso
MEX	Mexico City		
CHI	Chicago	-06.0	Houston, Dallas/Fort Worth, New Orleans, Winnipeg
MIA	Miami		
NYC	New York	-05.0	Montreal, Detroit, Boston, Panama City, Havana, Lima, Bogota
CCS	Caracas	-04.0	La Paz, Santiago, Port Of Spain
YYT	St. Johns	-03.5	
RIO	Rio De Janeiro	-03.0	Sao Paulo, Buenos Aires, Brasilia, Montevideo
RAI	Praia	-01.0	
LIS	Lisbon		
LDN	London	+00.0	Dublin, Casablanca, Dakar, Abidjan
BCN	Barcelona		
PAR	Paris		
MIL	Milan	+01.0	Amsterdam, Algiers, Hamburg, Frankfurt, Vienna, Madrid, Stockholm
ROM	Rome		
BER	Berlin		
ATH	Athens		
JNB	Johannesburg		
IST	Istanbul	+02.0	Helsinki, Beirut, Damascus, Cape Town
CAI	Cairo		
JRS	Jerusalem		
MOW	Moscow	+03.0	Kuwait, Riyadh, Aden, Addis Ababa, Nairobi
JED	Jeddah	+03.5	Shiraz
TIR	Tehran	+04.0	Abu Dhabi, Muscat
DXB	Dubai	+04.5	
KBL	Kabul	+05.0	
KHI	Karachi	+05.5	
MLE	Male	+06.0	
DEL	Delhi	+06.5	Mumbai, Kolkata, Colombo
DAC	Dhaka	+06.5	
RGN	Yangon	+07.0	Phnom Penh, Hanoi, Vientiane, Jakarta
BKK	Bangkok	+08.0	
SIN	Singapore		
HKG	Hong Kong	+08.0	Kuala Lumpur, Taipei, Manila, Perth, Ulaanbaatar
BJS	Beijing		
SEL	Seoul	+09.0	Pyongyang
TYO	Tokyo	+09.5	Darwin
ADL	Adelaide	+10.0	
GUM	Guam	+11.0	Melbourne, Rabaul
SYD	Sydney	+11.0	Port Vila
NOU	Noumea	+12.0	Christchurch, Nadi, Nauru Island
WLG	Wellington		

• Based on data as of June 2006.

Site/Lunitidal Interval Data List

Site	UTC Differential		Longitude	Lunitidal Interval
	Standard Time	DST/ Summer Time		
Anchorage	-9.0	-8.0	149°W	5:40
Bahamas	-5.0	-4.0	77°W	7:30
Baja, California	-7.0	-6.0	110°W	8:40
Bangkok	+7.0	+8.0	101°E	4:40
Boston	-5.0	-4.0	71°W	11:20
Buenos Aires	-3.0	-2.0	58°W	6:00
Casablanca	+0.0	+1.0	8°W	1:30
Christmas Island	+14.0	+15.0	158°W	4:00
Dakar	+0.0	+1.0	17°W	7:40
Gold Coast	+10.0	+11.0	154°E	8:30
Great Barrier Reef, Cairns	+10.0	+11.0	146°E	9:40
Guam	+10.0	+11.0	145°E	7:40
Hamburg	+1.0	+2.0	10°E	4:50
Hong Kong	+8.0	+9.0	114°E	9:10
Honolulu	-10.0	-9.0	158°W	3:40
Jakarta	+7.0	+8.0	107°E	0:00
Jeddah	+3.0	+4.0	39°E	6:30
Karachi	+5.0	+6.0	67°E	10:10
Kona, Hawaii	-10.0	-9.0	156°W	4:00
Lima	-5.0	-4.0	77°W	5:20
Lisbon	+0.0	+1.0	9°W	2:00
London	+0.0	+1.0	0°E	1:10
Los Angeles	-8.0	-7.0	118°W	9:20
Maldives	+5.0	+6.0	74°E	0:10
Manila	+8.0	+9.0	121°E	10:30
Mauritius	+4.0	+5.0	57°E	0:50
Melbourne	+10.0	+11.0	145°E	2:10
Miami	-5.0	-4.0	80°W	7:30
Noumea	+11.0	+12.0	166°E	8:30
Pago Pago	-11.0	-10.0	171°W	6:40
Palau	+9.0	+10.0	135°E	7:30
Panama City	-5.0	-4.0	80°W	3:00
Papeete	-10.0	-9.0	150°W	0:10
Rio De Janeiro	-3.0	-2.0	43°W	3:10
Seattle	-8.0	-7.0	122°W	4:20
Shanghai	+8.0	+9.0	121°E	1:20
Singapore	+8.0	+9.0	104°E	10:20
Sydney	+10.0	+11.0	151°E	8:40
Tokyo	+9.0	+10.0	140°E	5:20
Vancouver	-8.0	-7.0	123°W	5:10
Wellington	+12.0	+13.0	175°E	4:50

• Based on data as of 2003.