

Zmanim Display

When Zmanim starts, the initial display is the Zmanim Display. The display is split into 3 areas. The top area displays the date, and allows the user to change the date. The bottom area displays the user's currently chosen location. The button used to trigger the Settings display is also in this area. The middle area displays the Zmanim.

The Date

Tapping the arrows to the right or left of the date will advance the date forward or backward one day at a time. To move more quickly through the calendar, the date may be tapped to display a date picker. The date picker may be rapidly scrolled to the desired date. Tapping the date again will dismiss the date picker.

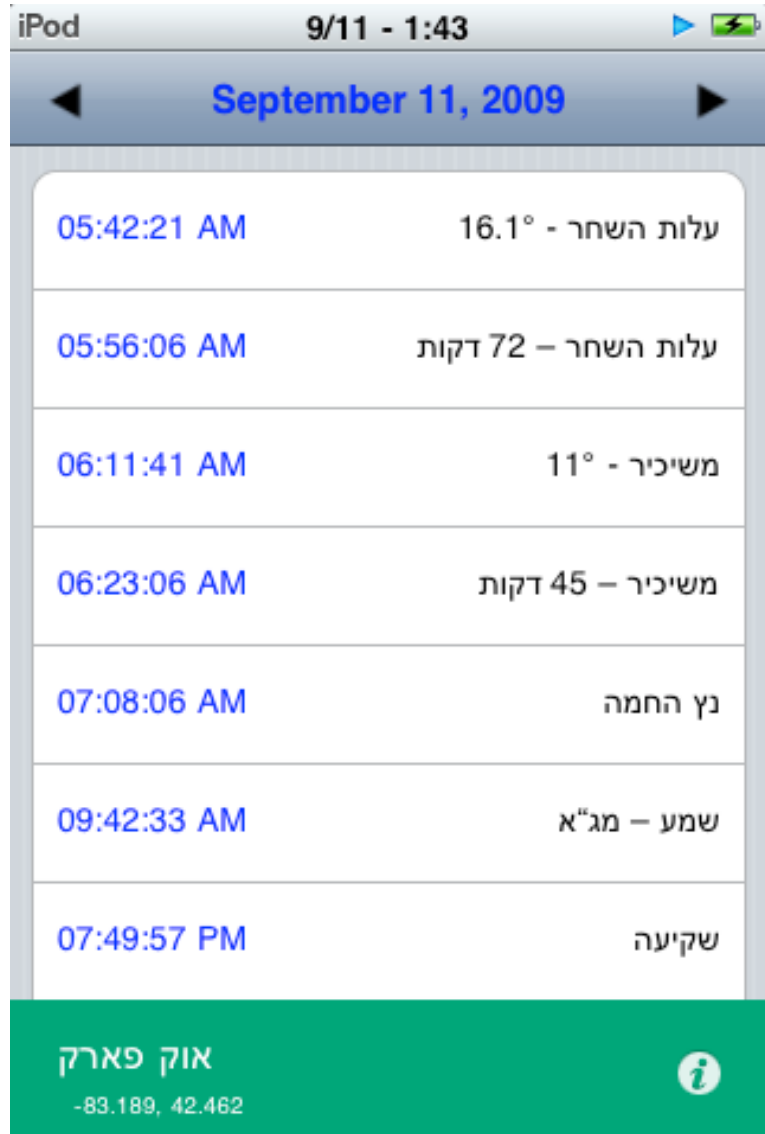
Zmanim

The middle area displays the Zmanim in groups. Each group contains a single set of Zmanim. The name of each set may optionally appear before each grouping. A set is a collection of Zmanim that are related in some way. Usually the calculation of some subset will depend on others within the set. Sets are configured in the Settings portion of the application.

Location

The bottom area displays the name and coordinates of the current location. Both the name and the coordinates are configurable by the user. Many locations may be defined, but only one may be chosen at a time.

The small button on the right-hand side of this area triggers the Settings display.



Settings Display

The Settings display is used to configure the display of the set titles, and the management of locations and sets. Tapping Done will flip back to the Zmanim Display.

Set Titles

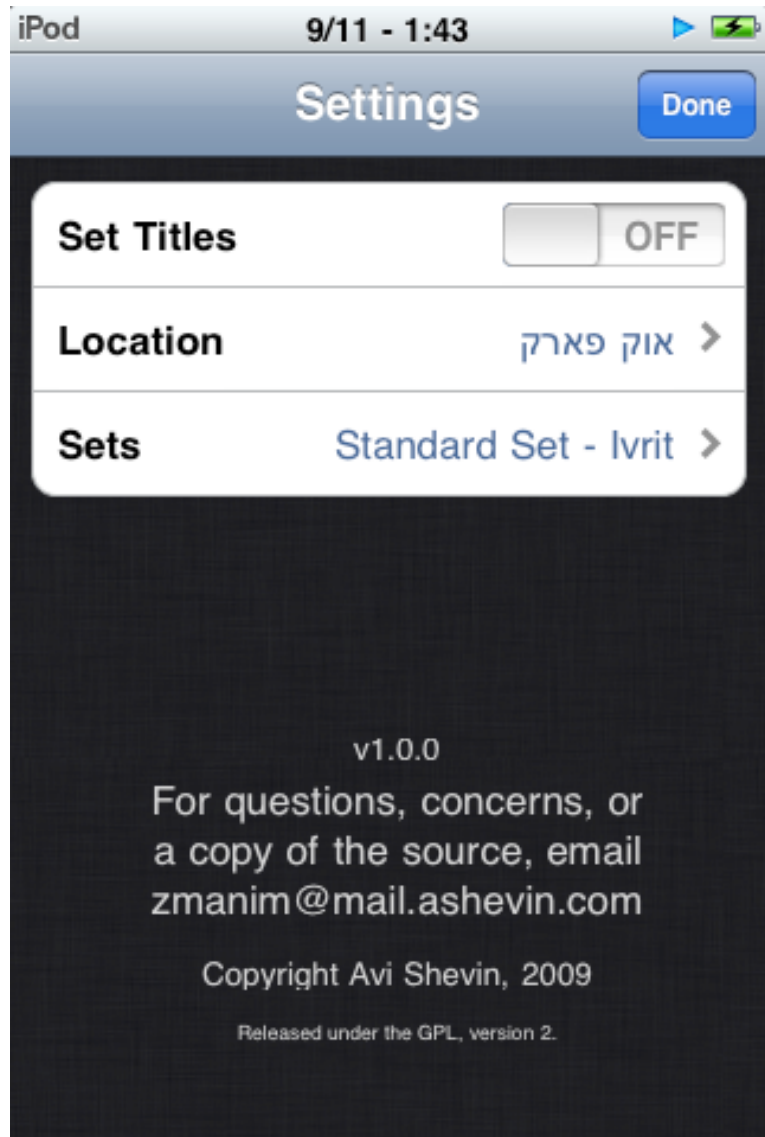
This switch toggles the titles displayed above each grouping of Zmanim on the Zmanim Display.

Location

The currently selected location is displayed. When tapped, the Locations Display is shown.

Set

When only one set is selected, the name is displayed. If either zero or more than one set is selected, the number of selected sets will be displayed. When tapped, the Sets Display is shown.



Location Display

The Location Display is used to select a location for which Zmanim should be calculated. Existing locations may be modified and new locations may be added. Only one location may be selected at a time.

New Location

Tapping the + button will show the New Location Display.

Modifying an Existing Location

Tapping the circle on the right-hand side will show the Edit Existing Location Display.



New Location Display

The New Location Display is used to define a new location. Tapping Save will save the location. A location with a duplicate name cannot be saved.

Name

The name identifies the location. The name must be unique relative to all other defined locations.

Longitude

The east-west coordinate of the location. Locations west of 0.0 are negative. The format is the standard decimal format. To convert from the XX' YY" format, divide YY/360. The result is placed after the decimal.

Latitude

The north-south coordinate of the location. Locations south of 0.0 are negative. The format is the standard decimal format. To convert from the XX' YY" format, divide YY/360. The result is placed after the decimal.

Core Location

The iPhone and iPod Touch contain a technology Apple calls Core Location. The geographic location may be set this way by tapping the button titled Set Location Using Core Location.

The screenshot shows the 'New Location' interface on an iPod. At the top, the status bar displays 'iPod', the date and time '9/17 - 4:17', and a battery icon. Below this is a navigation bar with a 'Location' button on the left, the title 'New Location' in the center, and a 'Save' button on the right. The main content area features three input fields: 'Name', 'Longitude', and 'Latitude', each with a corresponding text box. At the bottom, there is a button labeled 'Set Location Using Core Location'.

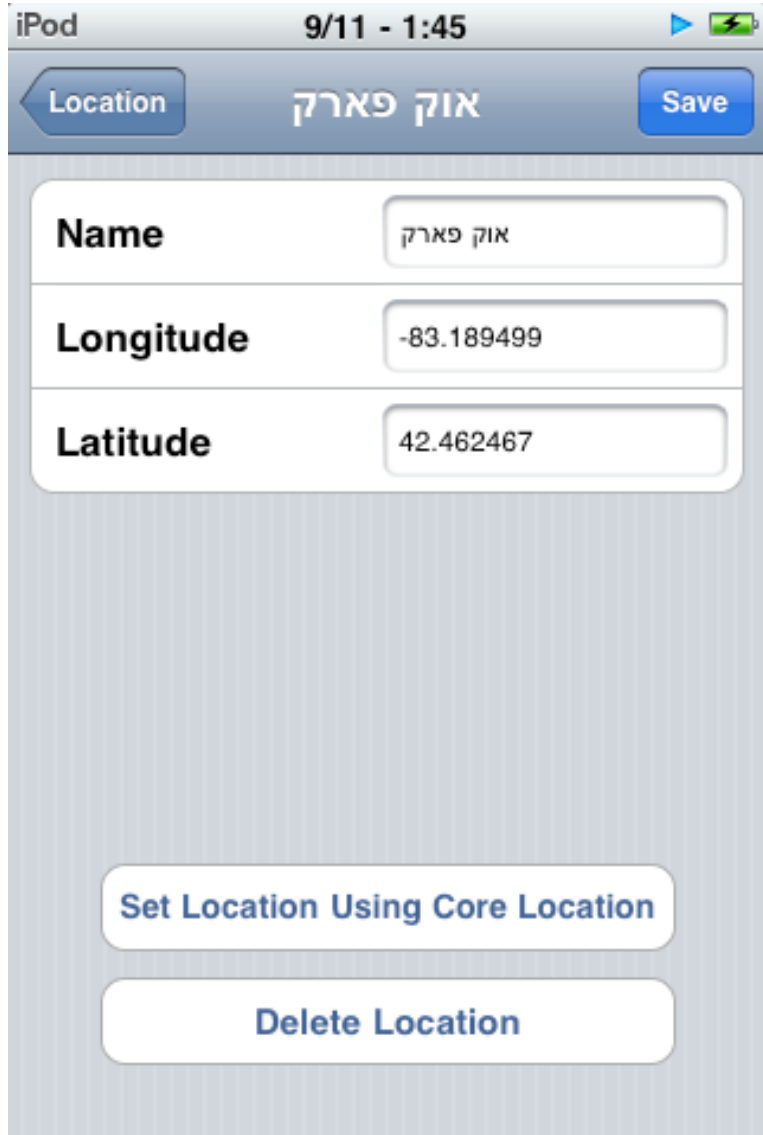
Edit Location Display

The Edit Location Display is used to edit the information for an already-defined location. The location may also be deleted.

For a description of the elements of this display, see New Location Display.

Delete Location

Tapping Delete Location will prompt the user. If the user answers in the affirmative, the location is deleted.



The screenshot shows the 'Edit Location Display' on an iPod touch. The status bar at the top displays 'iPod', the date and time '9/11 - 1:45', and battery and signal icons. The header bar contains a 'Location' button on the left, the name 'אוק פארק' in the center, and a 'Save' button on the right. Below the header, there are three input fields: 'Name' with the value 'אוק פארק', 'Longitude' with the value '-83.189499', and 'Latitude' with the value '42.462467'. At the bottom of the screen, there are two buttons: 'Set Location Using Core Location' and 'Delete Location'.

Field	Value
Name	אוק פארק
Longitude	-83.189499
Latitude	42.462467

Buttons at the bottom:

- Set Location Using Core Location
- Delete Location