ForeFlight

Watch App

Guide

ForeFlight
A Boeing Company

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GETTING STARTED

The ForeFlight Watch app is a companion to ForeFlight Mobile EFB, designed to provide quick access to weather and airport information typically available on the Airports view in ForeFlight Mobile. It also offers local hourly and daily weather forecasts based on location.

IMPORTANT: The ForeFlight Watch app does not support ADS-B or SiriusXM data. It is intended for ground use only and should not be used in flight.

ForeFlight Watch Home Screen

1.1 About this Guide

This guide provides an overview of the ForeFlight Watch app and assumes a basic familiarity with the Apple Watch. For new Apple Watch users, refer to the **Apple Watch User Guide**.

For more information about ForeFlight Mobile, refer to the Pilot's Guide to ForeFlight Mobile available in ForeFlight Mobile under **Documents** > **ForeFlight** or online at **foreflight.com/pilots-guide**.

1.2 Requirements

Installing and using the ForeFlight Watch app requires the following:

- **ForeFlight Subscription**
  - An active ForeFlight Mobile subscription
- **iPhone Requirements**
  - iPhone 6S or newer
  - iOS 15 or later
  - ForeFlight Mobile version 15.7 or later installed on the iPhone
- **Apple Watch Requirements**
  - Apple Watch Series 4 or newer
  - watchOS 9.4 or later
  - GPS or GPS + Cellular model (see connectivity details below).

1.2.1 Apple Watch Connectivity Requirements

The ForeFlight Watch App provides information in conjunction with ForeFlight Mobile for iPhone. A Watch cellular data plan is not required to use the ForeFlight Watch app. Functionality of the Watch app depends on connectivity with an iPhone.

1.2.1.1 Watches Without Cellular Connectivity

When using a Watch without cellular connectivity, the ForeFlight Watch app can only receive new data if connected to the internet via Wi-Fi or the paired iPhone. Without internet access, cached data is available for up to one hour.

1.2.1.2 Watches With Cellular Connectivity

When using a Watch with cellular connectivity, the ForeFlight Watch app can retrieve data directly through the watch’s cellular connection. An iPhone is required only during initial setup.

1.3 Installing the ForeFlight Watch App

The ForeFlight Watch app can be installed automatically or manually, depending on whether the Automatic App Install setting is enabled or disabled in the Apple Watch app on the iPhone under **My Watch** > **General** > **Automatic App Install**.

1.3.1 Automatic App Installation

When Automatic App Install is enabled (default), the ForeFlight Watch app installs automatically after installing ForeFlight Mobile version 15.7 or later on the iPhone.

1.3.2 Manual App Installation

If Automatic App Install is disabled:

1. Open the **Watch** app on the iPhone.
2. Find **ForeFlight** under Available Apps.
3. Tap **Install**.

1.4 Opening the ForeFlight Watch App

To open the ForeFlight app on the Watch, use one of the following options:

- **Use the Digital Crown**: Press the Digital Crown, then tap the ForeFlight icon from the app grid or list.

App Grid View

App List View

- **Use a Complication**: Tap a **ForeFlight Complication** on the Watch Face (if configured).

If ForeFlight Mobile is not signed in on the iPhone, a sign-in prompt appears on the watch.

Sign-In Prompt

1.4.1 Launch Behavior

The ForeFlight Watch app opens to the last viewed screen unless it was closed or force-quit. If closed, it launches to the **Home Screen**.

1.5 Closing the Watch App

The ForeFlight Watch app runs in the background unless the app is closed or the watch is restarted. To close the Watch app:

1. Double-press the digital crown to reveal open apps.
2. Swipe from right to left across the ForeFlight Watch app.
3. Tap the Red **X**.

1.6 Signing Out of the Watch App

To sign out from the Watch app:

1. Open the **ForeFlight Watch app Home Screen**.
2. Scroll to the bottom of the view.
3. Tap **Sign Out**.
4. Tap **Sign Out** again to confirm.

IMPORTANT: The Watch app automatically signs in with the same ForeFlight Mobile account on the iPhone. Sign out of the iPhone app first to avoid automatic re-sign-in.

1.7 Navigating the ForeFlight Watch App

The **Home Screen** displays the current location's weather (local weather), lists favorite/recent airports, allows searching for an airport, and has a sign out option. Tap any tile to view additional details. Tap an element to view more information, search, or sign out.

Tap Local Weather tile to open

Tap Airport tile to open

Home Screen

Local Weather provides hourly and daily forecasts for the current location.

Local Weather Homepage

The **Airport** view provides multiple pages of airport-related information.

Airport Homepage

1.7.1 User Interface Overview

The ForeFlight Watch app uses standard watchOS gestures to navigate content.

1.7.1.1 Scrolling

Swipe up or down to scroll, or rotate the **Digital Crown** for scrolling. A position indicator appears when scrolling to show the position within the list.

1.7.1.2 Nested Views

All app views, except for the **Home Screen**, are subviews. Subviews include a **back button** in the upper-left corner to return to the previous screen.

1.7.1.3 Multi-page Interface

The Local Weather and Airport views employ a multi-page interface indicated by horizontal dots at the bottom of the screen. Swipe left or right to move between pages.

1.7.2 ForeFlight Watch App Settings

Settings for the ForeFlight Watch app are controlled by and mirror those in ForeFlight Mobile. Adjustable settings include:

- Temperature units
- Runway lengths
- Times
- Wind speed
- Pressure
- Visibility
- Coordinate format
- Distance.

To adjust settings:

1. Open **ForeFlight Mobile** on the iPhone.
2. Tap **More** > **Settings** > **Units/Time**.
3. Adjust units for temperature, distance, wind speed, etc.

1.7.3 Favorite and Recent Airports

The ForeFlight Watch app can display up to 10 airports (combined favorites and recents), mirroring those in ForeFlight Mobile on the iPhone.

Favorite airports cannot be added using the watch. Viewing an airport on the watch does not add it to the recents list.

HOME SCREEN

The **Home Screen** provides access to **Local Weather** and **Airport** information. It opens by default when the app is launched after being **closed**. It can also be accessed by tapping the **Back** button in the upper-left corner until the Home Screen is reached.

2.1 Layout and Navigation

On the Home Screen, the view is organized as follows:

- The **Local Weather tile** is located at the top.

- **Airports** are listed below Local Weather, grouped into:
  - Favorite Airports
  - Recent Airports
  - Nearby Airports.
- A **search bar** is listed below nearby airports.
- A **Sign Out** button is located at the bottom.

Scroll using the **Digital Crown** or swipe vertically. Tap any tile to open the corresponding **Local Weather** or **Airport** view.

2.2 Local Weather Tile

The Local Weather tile appears at the top of the Home Screen and displays current weather conditions for the user's location. Data is sourced from The Weather Company and matches the Hourly/Daily Weather view in ForeFlight Mobile.

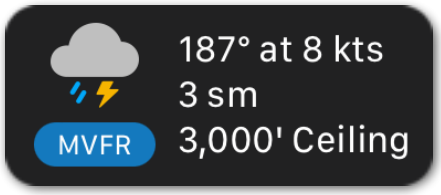
2.2.1 Displayed Information

The Local Weather tile on the Homepage displays local weather conditions using icons for:

- **Weather conditions**
- **Flight category**.

Plain-text data is presented for:

- Wind
- Visibility
- Ceiling.



Local Weather Tile

2.2.2 Weather Update Rate

Local weather data updates automatically:

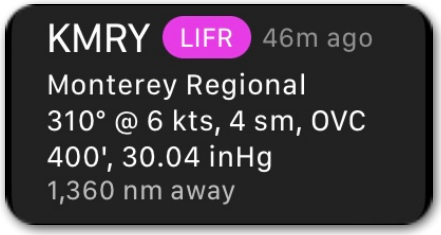
- Every 5 minutes, or
- When movement exceeds 2 NM.

2.3 Airport Tile

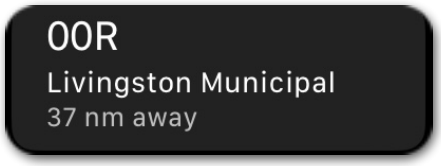
Each airport tile displays:

- The airport identifier
- The **Flight category** (Only shown if weather reporting is available)
- The age of the displayed weather (Only shown if weather reporting is available)
- The full airport name
- The latest METAR (Only shown if weather reporting is available)
- The distance from the current location.

Tap an airport tile to open the **Airport view** for that airport.



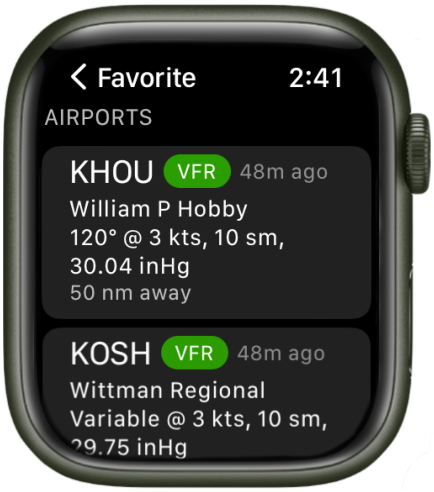
Airport with METAR



Airport without METAR

2.4 Favorite Airports Section

The Favorite Airports section on the Home Screen displays the top two favorite airports associated with the account. Tap **All Favorites** to view up to ten favorite airports.



Favorite Airports View

NOTE: Favorite airports can only be added in ForeFlight Mobile.

2.5 Recent Airports Section

The Recent Airports section of the Home Screen mirrors the two most recent airports viewed in ForeFlight Mobile on iPhone. Tap **All Recent** to view up to ten recent airports.

Recent Airports View

NOTE: Viewing airports in the watch app does **not** add them to the recent list.

2.6 Nearby Airports Section

The Nearby Airports section on the home screen displays up to three nearest public or military airports with weather reporting.

Nearby Airports View

Tap **All Nearby** to view an extended list of nearby airports with weather stations.

NOTE: Private airports, heliports, seaports, and airports without weather data are excluded. Filters cannot be applied to this list.

2.7 Search Capability

The **Search bar**, near the bottom of the Home Screen, allows users to search for an airport, heliport, or seaport manually.

2.7.1 Search Options

The following input types are supported:

- **Identifier**: Recommended for best results.
- **Airport name**: Displays only the top result. No results list is shown if multiple matches exist.

2.8 Sign Out Button

The **Sign Out** button is located at the bottom of the Home Screen. Tapping this button initiates the sign-out process. For detailed steps, see **Signing Out of the Watch App**.

WEATHER SYMBOLS

The ForeFlight Watch app uses graphical icons to represent current weather conditions and flight categories. These icons are consistent with those used in ForeFlight Mobile.

3.1 Flight Category Icons

Flight category symbols in the app match the standard color-coded categories used in aviation weather reporting:

Icons	Flight Category
	LIFR: Ceiling less than 500 feet or visibility less than 1 mile.
	IFR: Ceiling 500 to less than 1,000 feet or visibility 1 to less than 3 miles.
	MVFR: Ceiling from 1,000 to 3,000 feet or visibility from 3 to 5 miles.
	VFR: Ceiling greater than 3,000 feet and visibility greater than 5 miles.

3.2 Condition Icons

Each current condition icon visually represents the prevailing weather (e.g., sun, clouds, rain, snow).

- Sky Clear Day
- Sky Clear Night
- Partly Cloudy Day
- Partly Cloudy Night
- Mostly Cloudy (day)
- Mostly Cloudy (night)
- Cloudy
- Light Rain
- Scattered Showers Day
- Scattered Showers Night
- Scattered Thunderstorms Day
- Scattered Thunderstorms Night
- Windy
- Hail
- Rain/Hail Mix
- Thunderstorms
- Haze
- Heavy Rain
- Scattered Snow Showers Day
- Scattered Snow Showers Night
- Blowing Snow
- Smoke
- Blizzard
- Blowing Dust/Sand
- Sleet
- Snow Flurries
- Snow Showers
- Freezing Rain
- Wintery Mix
- Freezing Drizzle
- Fog
- Tornado
- Tropical Storm
- Hurricane

LOCAL WEATHER

The Local Weather view, based on the current location, has the following three pages:

- Current weather
- Hourly forecast
- 10-day forecast.

Current Weather

Hourly Forecast

10-day Forecast

Each forecast is presented through plain-text descriptions and **graphical symbols**.

4.1 Accessing Local Weather

To access Local Weather:

1. Open the **Home Screen**.
2. Tap the **Local Weather tile**.
3. Swipe left and right to move between the three forecast pages:
   - Current Weather
   - Hourly Forecast
   - 10-Day Outlook.

4.2 Update Frequency

Local Weather updates automatically:

- When the app is opened
- Every 5 minutes, or
- When the app detects movement greater than 2 nautical miles.

4.3 Current Weather

The **Current Weather** page displays weather conditions using widgets, **graphical symbols**, and plain-text data.

4.3.1 Displayed Information

The current weather view displays the following:

1. Current page indicator and Back button
2. Current latitude/longitude location
3. Temperature and dew point semi-circular widget:
   - Left segment: Forecast low
   - Right segment: Forecast high
   - Center: Current temperature (dot on semi-circle + bold text)
   - Below center: Current dew point
4. **Current Condition** symbol and **Flight Category**
5. Wind Widget:
   - Direction is indicated by an orange carrot on a compass rose
   - Speed is shown in bold at the center
6. Visibility and ceiling (plain-text).

3. LOCAL WEATHER

Scroll down to view the same data in plain-text format.

Plain Text Weather Information

At the bottom of the view are sunrise and sunset times (sunset only if sunrise has already occurred).

Sunrise and Sunset Times

4.4 Hourly Forecast

The Hourly Forecast page shows weather forecasts for the next 12 hours.

Hourly Forecast

4.4.1 Accessing the Hourly Forecast

To access the hourly forecast for the current location:

1. Go to the Home Screen.
2. Tap the **Local Weather tile**.
3. Swipe **left once** to open the Hourly Forecast page.
4. Scroll to view all hourly entries.

4.4.2 Hourly Forecast Contents

The Hourly Forecast includes the following forecast information from top to bottom:

- Forecast time (local and UTC offset)
- **Flight category** and **condition icons**
- Ceiling
- Visibility
- Wind
- Temperature and dew point
- Percent chance of rain.

4.5 10-Day Outlook

The 10-Day Outlook page provides daily and nightly forecast details for the next 10 days.

10-Day Outlook

4.5.1 Accessing the 10-Day Outlook

To access the 10-day outlook for the current location:

1. Go to the Home Screen.
2. Tap the **Local Weather tile**.
3. Swipe **left twice** to open the 10-day outlook view.
4. Scroll to view all 10 days.
5. Tap a day to view the **Hourly Forecast** for that date.
6. Tap the **Back button** to return to the 10-Day Outlook.

4.5.2 10-Day Outlook Contents

Each of the 10-day outlooks includes separate forecasts for daytime and nighttime periods. The outlook includes:

- Date of the forecast period
- Sunrise time (local)
- Daytime:
  - **Weather condition symbol**
  - Percent chance of rain
  - Plain-text summary
- Sunset time (local)
- Nighttime:
  - **Weather condition symbol**
  - Percent chance of rain
  - Plain-text summary.

10-Day Outlook Contents

4.5.3 Flight Category Outlook

The flight category outlook is displayed as a vertical bar along the right side of the 10-Day Outlook. The bar is:

- Divided into 24 segments (one per hour, starting at 12:00 a.m. local time)
- Color-coded by segment based on the forecast **flight category** for the time period.

Colorized Outlook Bar

AIRPORT

The **Airport view** provides detailed airport information. The top of the Airport homepage displays the following:

- Airport name and elevation
- **Current condition icon** and METAR-derived winds
- **Flight category**
- **ATIS** or **CTAF** frequency, depending on airport weather reporting capabilities.

Below the basic airport and weather information section are buttons to access:

- **Frequencies**
- **Weather**
- **Runways**: If wind data is available and a best-wind runway is identified, it appears on the **Runways** button.
- **NOTAMs**: If NOTAMs are available, the NOTAMs button displays a red badge with the count.

Airport Homepage

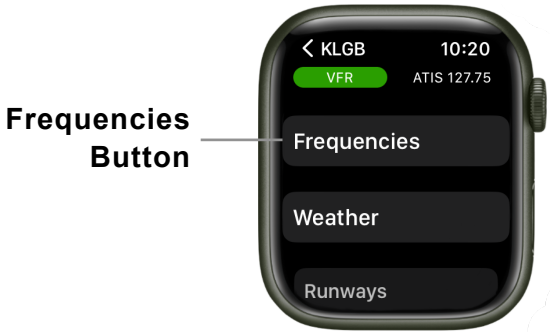
5.1 Accessing the Airport View

To access the Airport view:

1. Go to the **Home Screen**.
2. Use one of the following methods:
   - Tap any **Favorite**, **Recent**, or **Nearby** airport.
   - Use the **search bar** at the bottom of the Home Screen to enter an airport identifier.

5.2 Navigating the Airport View

The Airport view uses a multi-page interface. Each page can be accessed by tapping its corresponding button.



After tapping a button, the corresponding page is opened, and four dots appear near the bottom of the screen. Each dot represents a page ordered left to right: Frequencies, Weather, Runways, and NOTAMs.

Frequencies Page

Weather Page

Swipe left or right to navigate between sections.

5.3 Frequencies

The Frequencies view lists frequencies ordered for operational relevance (e.g., ATIS and Clearance Delivery appear first). Scroll to view all available frequencies. If a frequency includes a phone number, it appears next to the listing (non-interactive).

Airport Frequencies

5.4 Weather

The Weather view presents quick-reference weather data at the top of the view using widgets, icons, and plain text. Below the quick-reference section are **METAR**, **TAF**, **MOS**, **Daily / Hourly**, and **Winds** buttons.

NOTE: METAR is available only if the airport has a weather reporting station.

5.4.1 Airport Weather Homepage

Airport Weather Homepage

The quick-reference section of the Weather homepage has the following elements:

1. **Semi-circular temperature and dew point widget:**
   - Lower-left segment: Forecast low
   - Lower-right segment: Forecast high
   - Center: Current temperature (bold + dot on semi-circle)
   - Below center: Dew point
2. **Wind widget**:
   - Direction: Orange carrot on the compass rose
   - Speed: Bold text at center
3. **Current Condition** icon and **Flight Category**
4. Plain-text visibility and ceiling information.

5.4.2 Navigating the Weather View

Scroll down on the Airport Weather homepage to access **METAR**, **TAF**, **MOS**, **Daily / Hourly**, and **Winds** buttons. Buttons are shown based on data availability.

After tapping a button, the corresponding page is opened, and dots appear near the bottom of the screen representing a weather page (e.g., METAR, TAF, MOS, etc.). The pages are ordered from left to right in the same order the buttons are listed vertically from top to bottom. Swipe left or right to navigate between weather views.

Airport Weather Buttons

Airport Weather METAR

5.4.3 METAR

The METAR view includes raw and decoded METAR data. Scroll to view the full plain-text METAR.

Airport Weather - METAR

5.4.4 TAF

The TAF (Terminal Area Forecast) view includes raw (at the top of the view) and decoded TAFs (scroll to access). Horizontal lines separate decoded forecast periods. Flight category icons appear below each forecast period.

If the airport lacks a TAF, the nearest available TAF is shown instead.

Airport Weather - TAFs

5.4.5 MOS

The Airport Weather MOS forecast includes the following information in plain-text format:

- Start time of the forecast period (local time)
- **Flight Category** icon
- Wind direction and speed
- Visibility
- Ceilings
- Temperature and dew point in °C and °F
- Dew point (DPT) in °C and °F
- End time of the forecast period (local time).

Airport Weather MOS

5.4.6 10-Day Outlook

The 10-day Outlook provides forecast information for the airport, similar to the Local Weather view. For detailed format, see **10-Day Outlook**.

5.4.7 Winds

The Winds view displays wind and temperature forecasts in 3,000-foot intervals over a 24-hour period, provided in 3-hour increments.

Airport Weather Winds

5.4.7.1 Display Format

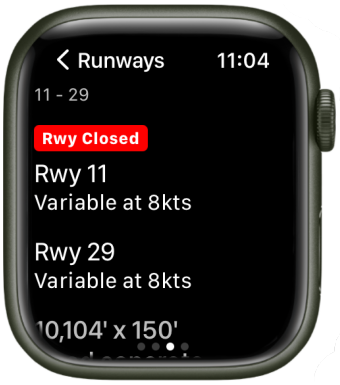
Temperature values color-coded by range:

- **Grey**: Above +2° C
- **Magenta**: +2° C and -25° C
- **Tan**: Below -26° C

5.5 Runways

The Runways view lists all airport runways, along with:

- Closure tags (if a NOTAM is issued for a runway)
- Best-wind runway label (when determined)
- Special traffic pattern notes (if applicable)
- Wind component indicators (color-coded)
  - **Green**: Headwind
  - **Red**: Tailwind
  - **Gray**: Crosswind
- Dimensions and surface details.



Rwy Closed Tag

Best Wind Runway

Runway Details

5.6 NOTAMs

The NOTAMs view displays all NOTAMs associated with the airport, sorted by:

1. Future
2. Today
3. Last 7 Days
4. Last 30 Days
5. Older.

5.6.1 NOTAM Details

Each NOTAM includes:

- Full text
- NOTAM number
- Effective and expiration dates
- Duration (if applicable)
- Icon indicating NOTAM type (e.g., runway, obstacle, airspace)
- **Red keywords** for closures or out-of-service conditions.

Out of Service NOTAM

Navigation NOTAM

Runway NOTAM

COMPLICATIONS

Complications are small, real-time data widgets that can be added to Apple Watch faces. The ForeFlight Watch app offers several complication options that display local aviation weather information and provide quick access to the app.

Complications update automatically every 15 minutes or when the app is opened. If weather data is unavailable (e.g., due to connectivity loss or a locked always-on display), complications will appear blank.

Complications are placed in designated areas on supported watch faces and can be customized. Tap any ForeFlight complication to open the ForeFlight Watch app.

Upper Corner Complications

6.1 Adding Complications

Complications can be added directly from the watch:

1. With the watch face showing, **touch and hold** the display.
2. Tap **Edit**.
3. Swipe to the Complications screen. Placeholder areas will appear as thin, gray outlines.

Complication Outlines

4. Tap a placeholder to open the Complications menu.
5. Scroll to the **ForeFlight section** and choose the desired complication.
6. Press the **Digital Crown** to save changes.
7. Tap the face to activate it.

NOTE: Complications can also be added using the Watch app on the paired iPhone.

6.2 Supported Complications

The ForeFlight Watch app supports the following five complications, each with varying display styles depending on the watch face and complication type:

- Local Weather
- Local Wind
- Local Temperature
- Open ForeFlight
- Nearest METAR.

6.2.1 Supported Styles

Supported complication styles are:

- Circular
- Modular
- Corner.

Circular

Modular

Corner

NOTE: If a complication is not compatible with a specific style or watch face, it will not appear as an option during setup.

6.2.2 Local Weather

The Local Weather complication displays the current weather condition icon or a weather icon with text, depending on the style.

Circular

Modular

Corner

6.2.3 Local Wind

The Local Wind complication displays the wind icon or a wind icon with text, depending on the complication style.

Circular

Modular

Corner

6.2.4 Local Temperature

The Local Wind complication displays a semi-circular temperature widget:

- Lower-left: Forecast low temperature
- Lower-right: Forecast high temperature
- Center: Current temperature (bold text and dot within the semi-circle)
- Below center: Dew point.

Circular

NOTE: The Local Temperature complication is only available in circular format.

6.2.5 Open ForeFlight

The Open ForeFlight complication displays the ForeFlight logo. Tapping the complication launches the ForeFlight Watch app.

Circular

Modular

Corner

6.2.6 Nearest METAR

The Nearest METAR complication displays METAR data for the nearest reporting airport. The complication can be shown in corner or rectangular formats:

- **Corner**: Airport identifier, flight category, winds, visibility
- **Rectangular**: Adds ceiling and date/time.

Tapping this complication opens the **ForeFlight Watch app**.

Corner Graphic

Rectangular Graphic

CHANGE HISTORY

Revision	Date	Change Summary
17.3	April 2025	General review and revision
16.3	March 2024	Users can sign out of their ForeFlight account on the Apple Watch.
16.2	February 2024	Added the Nearest METAR widget.
Original	July 2023	Original Issuance

ForeFlight

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