Ford's Colony Computer & Technology Club

The Apple Watch

September 18, 2023

WHAT IS AN APPLE WATCH?

- Wearable smartwatch introduced on April 24, 2015

- Initial Features

  - Making & receiving phone calls*

  - Sending & receiving text messages

  - Reading and sending email

- Evolving Features

  - Fitness tracking

  - Health monitoring

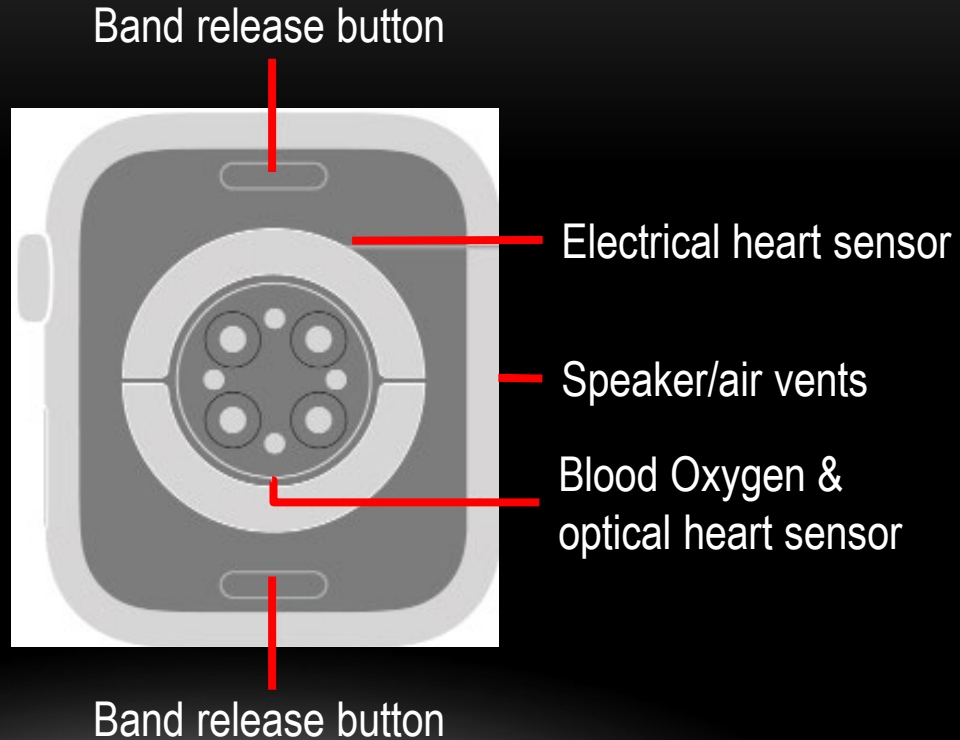   - Blood oxygen

    - Heart rhythm

    - ECG

- Evolving Features (cont'd)

  - Safety

    - SOS

    - Fall detection

    - Crash detection

TOUR OF APPLE WATCH

Display

Digital Crown

Microphone

Side Button

Infograph Watch Face

TOUR OF APPLE WATCH SERIES 8 (BACK)

Band release button

Electrical heart sensor

Speaker/air vents

Blood Oxygen &
optical heart sensor

Band release button

Source: Apple Watch User Guide

Model Comparison	Series 8	SE	Ultra
	396 by 484 pixels	368 by 448 pixels	410 by 502 pixels
Case Size	45 to 41mm	44 to 40 mm	49mm
Display	Always On Retina	Retina	Always On Retina
Pricing w/Cellular Connectivity	GPS + Cellular from $499 • Int'l roaming • Family Setup	GPS + Cellular from $299 • Int'l roaming • Family Setup	GPS + Cellular - $799 • Int'l roaming • Family Setup
Pricing without Cellular Connectivity	GPS from $399	GPS from $249	N/A
Battery	• Up to 18 hours • Supports Fast charge	• Up to 18 hours	• Up to 36 hours • Supports Fast charge

Materials & Finishes

Series 8 — Aluminum — Midnight; Stainless steel

SE — Aluminum — Midnight

Ultra — Titanium — Natural

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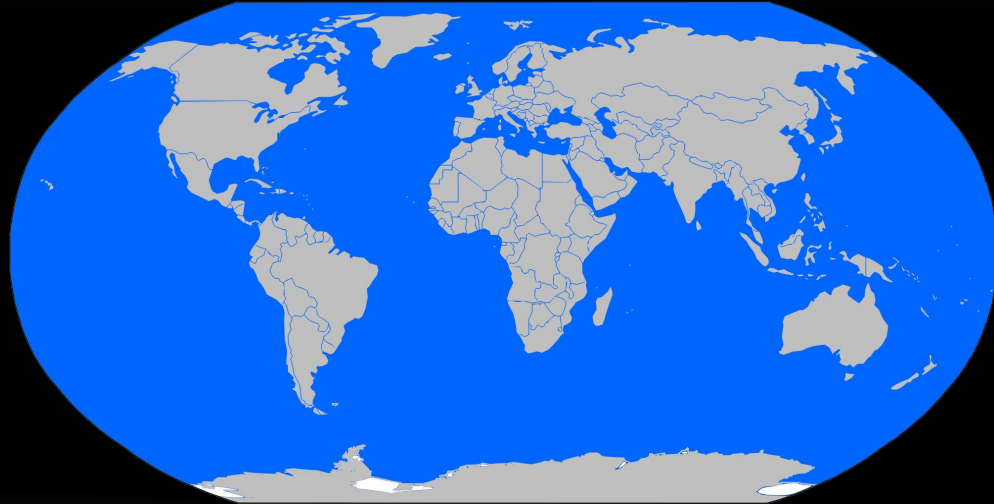| Model Comparison	Series 8	SE	Ultra
Health & Wellness	• Blood Oxygen • ECG • Hi/Lo heart rate notification • Irregular rhythm notification • Sleep Stages • Cycle Tracking	• Hi/Lo heart rate notification • Irregular rhythm notification • Sleep Stages • Cycle Tracking	• Blood Oxygen • ECG • Hi/Lo heart rate notification • Irregular rhythm notification • Sleep Stages • Cycle Tracking
Safety & Emergency	• Emergency SOS • Int'l emergency calling • Fall detection • Crash detection • Noise Monitoring • Backtrack	• Emergency SOS • Int'l emergency calling • Fall detection • Crash detection • Noise Monitoring • Backtrack	• Siren • Emergency SOS • Int'l emergency calling • Fall detection • Crash detection • Noise Monitoring • Backtrack
Cellular Connectivity	• On GPS + Cellular Models • Supports Family Setup • International Roaming	• On GPS + Cellular Models • Supports Family Setup • International Roaming	• Cellular Connectivity - Standard • Supports Family Setup • International Roaming

https://www.apple.com/watch/compare/

Apple Watch Model	Ultra	Series 8	SE 2ⁿᵈ Gen	Series 7	Series 6	SE 1ˢᵗ Gen
Case Size (mm)	49	41 or 45	40 or 44	41 or 45	40 or 44	40 or 44
Display • Retina – Always On	✔	✔		✔	✔	
GPS + Cellular	Std	Option	Option	Option	Option	Option
Health & Wellness • Hi/Lo Heart Rate • Irregular Rhythm • ECG	✔ ✔ ✔	✔ ✔ ✔	✔ ✔	✔ ✔ ✔	✔ ✔ ✔	✔ ✔
Safety & Emergency • Int'l Emergency Calling • SOS • Fall Detection • Crash Detection	✔ ✔ ✔ ✔	✔ ✔ ✔ ✔	✔ ✔ ✔ ✔	✔ ✔ ✔	✔ ✔ ✔	✔ ✔ ✔
Watch OS						

Apple Watch Model	Series 5	Series 4	Series 3	Series 2	Series 1
Case Size (mm)	40 to 44	40 to 44	38 to 42	38 to 42	38 to 42
Display • Retina – Always On	✔				
GPS + Cellular	Option	Option	GPS only	GPS only	
Health & Wellness • Hi/Lo Heart Rate • Irregular Rhythm • ECG	✔ ✔ ✔	✔ ✔ ✔	✔ ✔	✔ ✔	✔ ✔
Safety & Emergency • Int'l Emergency Calling • SOS • Fall Detection • Crash Detection	✔ ✔ ✔	✔ ✔	✔		
Watch OS			OS8 EOL	OS6 EOL	OS6 EOL

SAFETY & EMERGENCY FEATURES

Int'l Emergency Calling

- a feature that can call local emergency services when you're in another country or region.

- When you start an Emergency SOS call while abroad, your watch connects to local emergency services, but it may not be able to send your location or a text message to your emergency contacts.

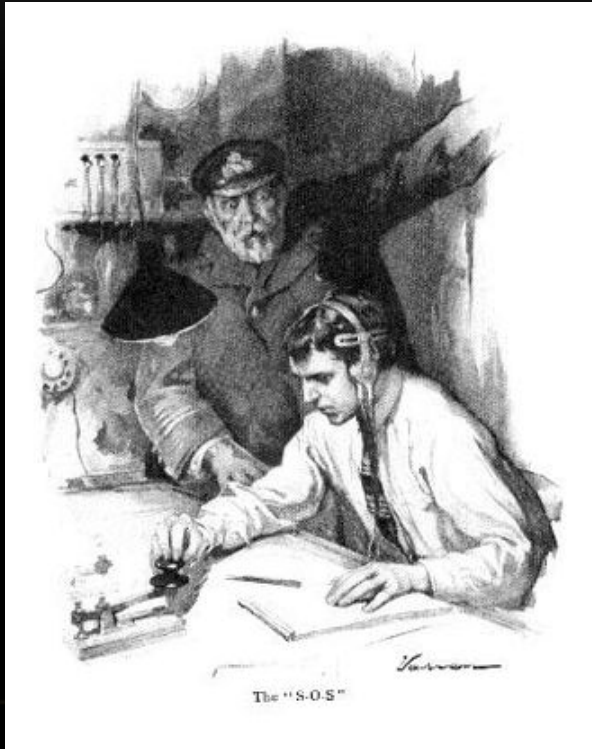- Available Series 5 and later (GPS + Cellular) or nearby iPhone if (GPS).

SAFETY & EMERGENCY FEATURES

Emergency SOS

- When you make a call with Emergency SOS, your Apple Watch automatically calls local emergency services and shares your location with them.*

- When the call ends, your Apple Watch sends your emergency contacts a text message with your current location, unless you choose to cancel. For a period of time after you enter SOS mode, your emergency contacts receive updates when your location changes.

- Emergency SOS requires a cellular connection or Wi-Fi calling with an Internet connection from your Apple Watch or nearby iPhone.

WHERE DID SOS COME FROM ?

The "S.O.S"

SOS is a Morse code distress signal

■ ■ ■ ■ ■■■ ■■■ ■■■ ■ ■ ■

used internationally, originally established for maritime use. In formal notation SOS is written with an overscore line, to indicate that the Morse code equivalents for the individual letters of "SOS" are transmitted as an unbroken sequence of three dots / three dashes / three dots, with no spaces between the letters.

https://youtu.be/N4P05TASXMs

APPLE WATCH SAVED MY LIFE

https://youtu.be/yZgzAhBa7Kc?si=B-z6tudTxLTtA8CZ

Source: CNET

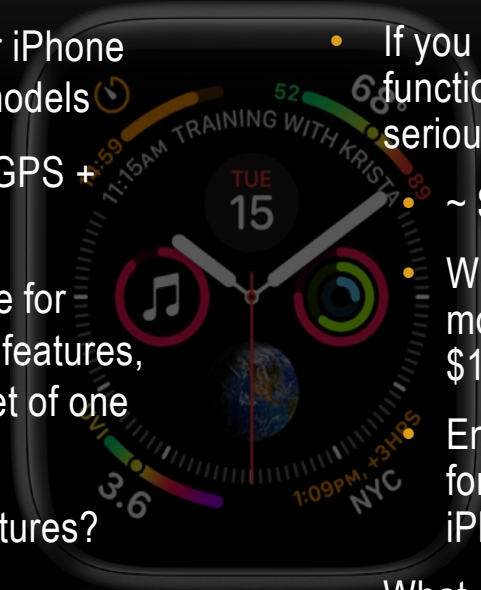# BEST DEALS

amazon

- Amazon - New
  - Prime Days
  - Often Discounted
  - Need to know which model/feature set you want
  - Sometimes limited stock
  - Skip AppleCare

- Apple – Refurbished
  - ~ 15% or more Discount
  - Remanufactured
  - Like new warranty
  - Need to know which model/feature set you want
  - Sometimes limited stock
  - Skip AppleCare

WHICH ONES TO CONSIDER

- If you almost always carry your iPhone with you, consider *GPS only* models

  - Save ~$100 GPS only vs. GPS + Cellular

  - Apple Watch utilizes iPhone for communications for Safety features, thus must be within ~30 feet of one another

- What are your "Must Have" features?

- If you want the Apple Watch to be fully functional when not near your iPhone, seriously consider GPS + Cellular

  - ~ $ 100 more than GPS only

  - Will need an additional cellular line = monthly line fee; most carriers charge $10/mo or $5/mo if on AutoPay

  - Enables Apple Watch communications for Safety features, independent of iPhone

  - What are your "Must Have" features?

APPLE WATCH BASICS

- See your Apps

- See recent Notifications

- Open Control Center

- Use Siri on your Watch

- Open Apps from the Dock

- Quickly Call for Help

- Set a Timer

- Check the Weather
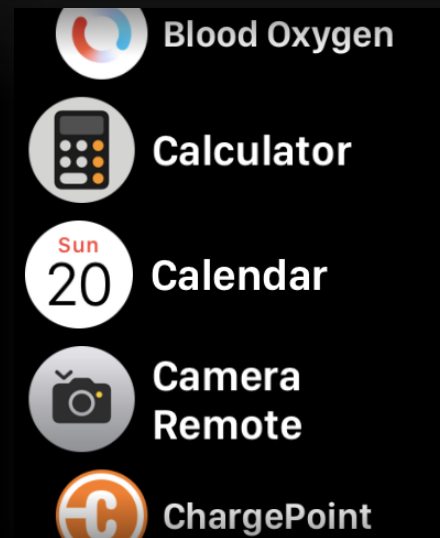
- Get the Apple Watch User Guide

SEE YOUR APPS – GRID VIEW

- To view all enabled Apps on your Watch, press the *Digital Crown*.

  - The *Grid* view shows all enabled Apps using icons of the Apps

  - *Drag* on this screen to navigate the Apps display

  - The Digital Crown adjusts the size and number of icons displayed

  - You can *launch* an App by tapping its icon

Digital Crown

Grid View

SEE YOUR APPS – LIST VIEW

- To view all enabled Apps on your Watch, press the *Digital Crown*.

  - The *List* view shows all enabled Apps using icons and names of the Apps

  - *Drag* (or use the *Digital Crown*) on this screen to navigate Apps list display

  - You can also scroll the list rotating the Digital Crown

  - You can <u>launch</u> an App by tapping its icon/name

Digital Crown

List View

HOW TO CHANGE VIEWS

- You can change between *Grid* or *List* views in Settings on your Apple Watch

  - Press *Digital Cro*wn, locate and Tap **Settings**, scroll down the various settings to find and tap *App View*, Tap to select view.

- You can also change the views using the Apple Watch App on your iPhone

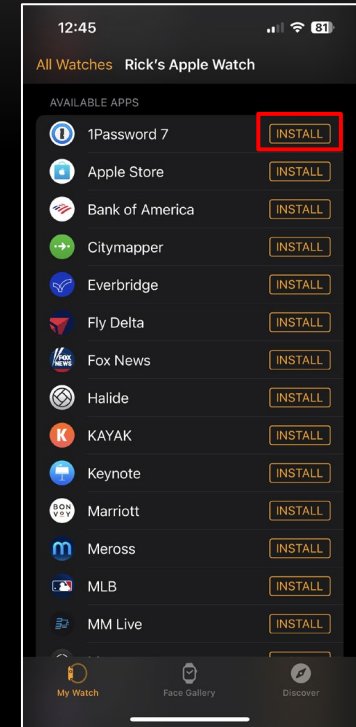 - Launch *Apple Watch App*, scroll down and Tap *App View*, Tap to select desired view.
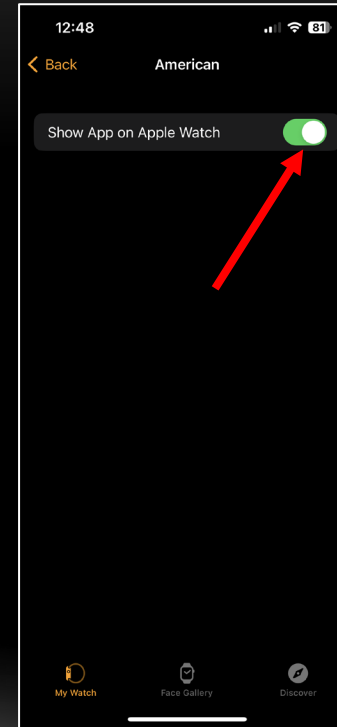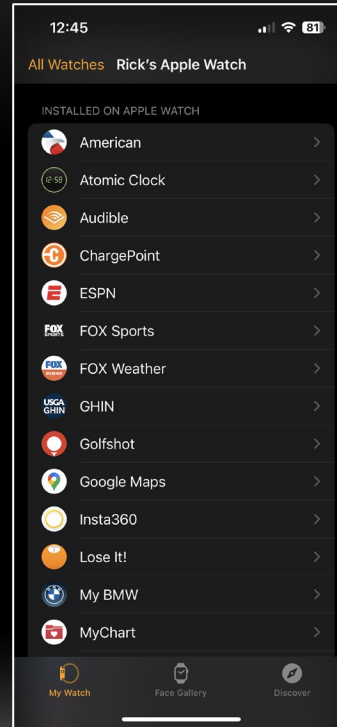
Grid View

List View

EDITING WHICH APPS ARE ENABLED/DISPLAYED

- Many, but not all Apps on your iPhone may have versions that run on your Apple Watch. You can choose which ones you want on your Watch.

- On your iPhone, *Tap* the *Watch* App, scroll down to see various list of Apps, the first two groups are native (non-deletable) Apps, the next group are Apps *"Installed on Apple Watch"*; and the last group are *"Available Apps"*

- You can delete individual Watch Apps in the *"Installed on Apple Watch"* group. *Tap* the App you wish to delete using the slide button.

- You can add (enable) individual Watch Apps in the *"Available Apps" group.* Tap the Install button adjacent to the desired App.

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VIEW RECENT NOTIFICATIONS

Notifications

- A Red Dot may appear at the top of your Watch display from time to time. This indicates you have one or more *Notifications*

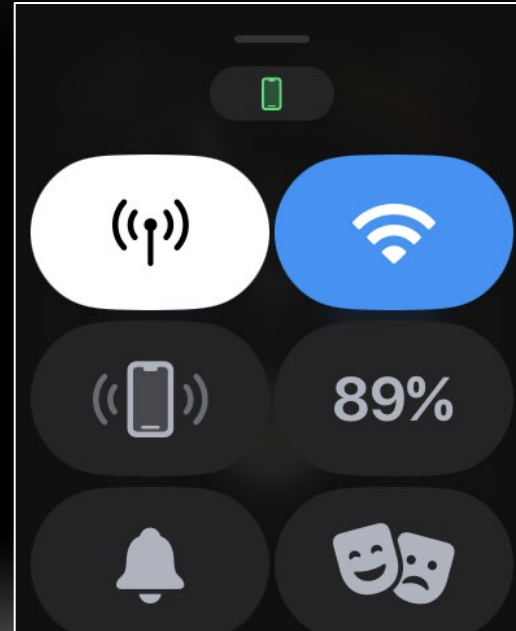- To view the *Notification(s)*, Drag down from the Red Dot

OPEN CONTROL CENTER

- The Watch **Control Center (CC)** give you access to a variety of settings. **Drag** up from the bottom on your Watch display to launch **CC**.

Watch Connected to iPhone

Watch Cellular Enabled/Disabled

Watch Wi-Fi Watch Enabled/Disabled

Pings iPhone Audible Alert

Watch Battery % Charge

89%

Silent Silences Watch

Theatre - Silences & Turns Off Display

OPEN CONTROL CENTER

- The Watch *Control Center (CC)* give you access to a variety of settings. *Drag* up from the bottom on your Watch display to launch *CC*.

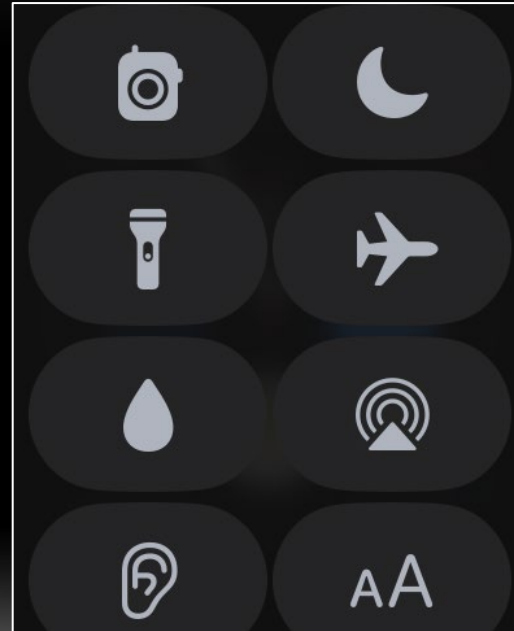Walkie Talkie Push to Talk

Focus Modes

Flashlight

Water Lock

Hearing Selection

Airplane Mode

AirPlay Selection

Text Size

USE SIRI ON YOUR WATCH

- *Siri* is the Voice Assistant on your iPhone and Apple *Watch* that can carry out various commands and respond to queries.

- When you raise your *Watch* and wake it up, *Siri* is automatically enabled – so you can give it a command immediately!

- You can also launch *Siri* by pressing the *Digital Crown* for a second until the Siri icon appears – then give it a command!

- Example: Setting a Timer

Siri Icon