



## GPSMAP 76

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## GPSMAP 76

## Specifications

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## Moving Map Features

**Basemap:** Built-in [Americas Highway](#), [Atlantic Highway](#) or [Pacific Highway](#) basemap with oceans, lakes, rivers, cities, interstates or major motorways, principal and major thoroughfares and political boundaries.

**MapSource®:** Compatible with most Garmin® MapSource products including [MapSource](#), [BlueChart®](#) marine cartography, [MetroGuide®](#) and [Fishing Hot Spots®](#). Accepts up to 8 megabytes of downloaded map detail.

## Navigation Features

**Waypoints/icons:** 1000 with name and graphic symbol, 10 nearest (automatic), 10 proximity

**Routes:** 50 reversible routes with up to 50 points each, plus MOB and TracBack® modes

**Tracks:** Automatic track log; 10 saved tracks let you retrace your path in both directions

**Trip computer:** Current speed, average speed, resettable max. speed, trip timer and trip distance

**Alarms:** Anchor drag, approach and arrival, off-course, proximity waypoint, shallow water and deep water

**Tables:** Built-in celestial tables for best times to fish and hunt, sun and moon rise, set and location

**Map datums:** More than 100 plus user datum

**Position format:** Lat/Lon, UTM/UPS, Maidenhead, MGRS, Loran TDs and other grids, including user grid

## GPS Performance



\*Requires Adobe Reader 5.0+



**Basemap:** Detailed basemap with cities, highways, interstates, exit info, rivers, lakes; Preloaded with worldwide cities, nav aids, and U.S. tide data

**Uploadable Maps:** Accepts up to 8 megabytes of downloaded map detail from a variety of optional [MapSource](#) CDs\*\*

**Receiver:** WAAS-enabled, 12 parallel channel GPS receiver continuously tracks and uses up to 12 satellites to compute and update your position

**Acquisition times:**

- Warm: Approximately 15 seconds
- Cold: Approximately 45 seconds
- AutoLocate®: Approximately 5 minutes

**Update rate:** 1/second, continuous

**GPS accuracy:**

- Position: < 15 meters, 95% typical\*
- Velocity: 0.05 meter/sec steady state

**WAAS accuracy:**

- Position: < 3 meters, 95% typical\*
- Velocity: 0.05 meter/sec steady state

**Dynamics:** 6 g's

**Interfaces:** RS232 with NMEA 0183, RTCM 104 DGPS data format and proprietary Garmin

**Antenna:** Built-in quadrifilar, with external antenna connection (MCX)

**Differential:** DGPS (USCG and WAAS capable)

## Power

**Source:** Two "AA" batteries (not included)

**Battery Life:** Up to 16 hours

## Physical

**Size:** 2.7"W x 6.2"H x 1.2"D (6.9 x 15.7 x 3.0 cm)

**Weight:** 7.7 ounces

**Display:**

- 1.6"W x 2.2"H (4.1 x 5.6 cm)
- 180 x 240 pixels, high-contrast
- FSTN with bright backlighting

**Case:** Fully gasketed, high-impact plastic alloy, waterproof to IEC 529 IPX7 standards

**Temperature range:** 5°F to 158°F (-15°C to 70°C)

**User data storage:** Indefinite, no memory battery required

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Specifications are subject to change without notice.

\* Subject to accuracy degradation to 100m 2DRMS under the United States Department of Defense-imposed Selective Availability Program.

\*\*These units are also able to transfer waypoints, routes, and tracks between the PC and GPS using MapSource<sup>a</sup>.



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