

GPS 175/GNC 355/GNX 375 SW v3.10 UPGRADE SUPPLEMENT

This supplement contains the pages revised in the GPS 175/GNC 355/GNX 375 Pilot's Guide, P/N 190-02488-01, Rev. B, regarding the new features of software v3.10. Change bars are placed adjacent to the revised information corresponding to the revision summary table.

Current documents are available at flyGarmin.com.

Printed copies may be purchased by contacting Garmin Customer Support.

Features and screen images are dependent upon the installed software version and its configuration. For more information regarding feature availability, refer to the pilot's guide.

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Page	Description
Section 1 - System at a Glance	
1-2	Added GNC 355 image with unit dimensions.
	Added ADS-B compliance information.
1-3	Added "Unit Configurations" subsection.
1-4	Added Fastfind Predictive Waypoint Entry to "Apps & Features" table.
1-18	Updated list of FIS-B Weather products in "ADS-B In Data" table.
Section 2 - Get Started	
2-2	Added "Power Up" section.
2-3	Added information about overwriting SD card database files.
2-13	Added "Database SYNC" subsection.
2-14	Added note 2 to list of Connex features.
2-60	Added "System Status" subsection.
	Added "GPS Status" subsection.
Section 3 - Navigation	
3-5	Added new weather overlays to "Data Drawing Order" table.
3-6	Added Lightning to Map menu options.
3-7	Added DTK/TRK to list of default user fields.
3-20	Added Lightning to list of overlay selections.
	Added Lightning to mutually exclusive overlays.
3-21	Added Lightning overlay subsection.
3-23	Added Lightning to overlay status icons.
	Added Stale Data icon description.
3-53	Added "FastFind Predictive Waypoint Entry" subsection.
Section 5 - Hazard Awareness	
5-2	Added new weather products.
5-7	Added new product selections to FIS-B weather menu.
5-8	Updated list of FIS-B weather products.
5-9	Added "Product Legends" subsection.
5-15	Added G-AIRMET filter icons.

Page	Description
5-17	Added "Cloud Top" subsection.
	Added "Lightning" subsection.
	Added "Center Weather Advisory" subsection.
5-18	Added "Icing" subsection.
5-19	Added "Turbulence" subsection.
Section 6 - Messages	
6-3	Added new Database Sync message.

LIST OF OMISSIONS

Page	Description
Section 3 - Navigation	
3-8	Removed note 1 from DTK, TRK field type.
Section 5 - Hazard Awareness	
5-6	Removed "FIS-B Weather Enabled" subsection.
5-8	Removed AIRMET from list of weather products.
5-23	Removed FIS-B Enabled function active feature requirement.

Overview

GPS 175, GNC 355/355A, and GNX 375 are the first 2" by 6.25" panel mount navigators to employ full color capacitive touchscreen technology.

GNC 355 shown as typical.



GPS 175 is a TSO-C146e compliant GPS/WAAS navigator with en route, terminal, and precision/non-precision approach capabilities.

GNC 355/355A combines the functionality of the GPS 175 with a TSO-C169a compliant VHF radio communications transceiver. The GNC 355 supports 25 kHz channel spacing, while the GNC 355A provides tuning for both 25 kHz and 8.33 kHz channels.

Both GPS 175 and GNC 355 can receive ADS-B In weather and traffic when interfaced to a GTX 345 or GDL 88.

GNX 375 combines the functionality of the GPS 175 with a TSO-C112e (Level 2els, Class 1) compliant mode S transponder that meets ADS-B Out requirements. A dual-link ADS-B In receiver provides the display of traffic and subscription-free weather.

Each unit is compatible with Bluetooth® wireless technology, providing flight plan, traffic, weather, and position data to an available portable electronic device.

Unit Configurations

GPS 175



GPS/MFD

GNC 355



GPS/MFD/COM

GNX 375



GPS/MFD/XPDR

COMPARISON TABLE

Unit	GPS/MFD	COM Radio	Mode S XPDR	Dual-link ADS-B In	1090 ES ADS-B Out
GPS 175	•				
GNC 355	•	•			
GNX 375	•		•	•	•

Apps & Features

GPS 175 NAVIGATOR	GNC 355/355A NAVIGATOR W/VHF COM TRANSCEIVER	GNX 375 NAVIGATOR W/TRANSPONDER
• Moving Map • Terrain • Flight Plan • Graphical Flight Planning • Waypoint Information • Nearest • FastFind Predictive Waypoint Entry • FIS-B Weather Display [1] [2] • ADS-B In Traffic Display [1] [2] • Terrain Avoidance • System Advisories • Scheduled Messages • Clock • CDI • Internal GPS Receiver • Built-in Bluetooth Antenna • Database Concierge Access [4]	• Moving Map • Terrain • Flight Plan • Graphical Flight Planning • Waypoint Information • Nearest • FastFind Predictive Waypoint Entry • FIS-B Weather Display [1] [2] • ADS-B In Traffic Display [1] [2] • VHF Radio Transceiver • Terrain Avoidance • System Advisories • Scheduled Messages • Clock • CDI • Internal GPS Receiver • Built-in Bluetooth Antenna • 8.33 kHz channel spacing [3] • Database Concierge Access [4]	• Moving Map • Terrain • Flight Plan • Graphical Flight Planning • Waypoint Information • Nearest • FastFind Predictive Waypoint Entry • FIS-B Weather Receiver & Display [2] • ADS-B In Traffic Receiver & Display [2] • ADS-B Out on 1090 MHz Extended Squitter • Terrain Avoidance • System Advisories • Scheduled Messages • Clock • CDI • Internal GPS Receiver • Built-in Bluetooth Antenna • Mode S Transponder • Database Concierge Access [4]

[1] Requires external ADS-B In product.
[2] ADS-B In via 1090 MHz (traffic) and 978 MHz UAT (traffic and weather).
[3] For use during European operations. Available with GNC 355A only.
[4] Requires Wi-Fi connection via Flight Stream 510.

Altitude Encoder

LRU	DISPLAY	FUNCTION
GAE 12 Provides pressure altitude information to the transponder.	GNX	Aircraft static pressure

ADS-B In Data

LRU	DISPLAY	FUNCTION
GDL 88 GTX 345 Provides datalink traffic and weather.	GPS GNC	Traffic Services • ADS-B • TIS-B Weather Services • FIS-B Weather Products Map & FIS-B Weather: • Precip (NEXRAD) • METARs • TFRs • Lightning FIS-B Weather only: • Center Weather Advisory • Cloud Tops • G-AIRMET • Icing Potential • PIREP • SIGMET • TAF • Turbulence • Winds/Temps Aloft

Power Up

The unit receives power directly from the aircraft’s electrical system. Upon power-up, the bezel key backlight momentarily illuminates. System failure annunciations typically disappear within the first 30 seconds after power-up.

The start-up screen presents the unit software versions, the name and status of all installed databases, and the Database Updates page access key. These features are available only at power up.

Tapping **Continue** advances to the Instrument Test page.

If an instrument remains flagged after one minute, check the status of the associated LRU, then contact a Garmin dealer for support.

Instrument Test

To ensure safe operation, continuous built-in test features exercise the unit’s processor, memory, external inputs, and outputs. The Instrument Test page displays the results of all external equipment checks performed by the unit.

LCDI	Half Left	TO/FROM	To
LFLG	Out of View	OBS	_____°
VCDI	Half Up	DTK	150°
VFLG	Out of View		

All map and terrain data provided is only to be used as a general reference to your surroundings and as an aid to situational awareness.

Review this list to ensure that all CDI outputs and other displayed data are correct for the connected equipment.

Power Off

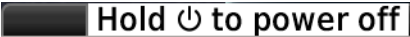


WARNING

Never attempt to power off the unit while airborne unless operational procedures dictate.



Pushing and holding the **Power** key for 0.5 seconds initiates the power off sequence. Shutdown occurs once the timer reaches zero. Power off annunciation temporarily replaces the knob function indicator.



Databases



NOTE

The navigator supports SD cards in the FAT32 format only, with capacities ranging between 8 GB and 32 GB.

Databases are stored in the unit's internal memory. To view update cycles, or to purchase individual databases or database packages, go to flyGarmin.com.

There are two methods for loading and updating databases. Do not attempt either of these while in flight (on ground only).

- **Load databases via SD card.** Once loading completes, you may power off the unit and remove the card.
- **Transfer databases from a Flight Stream 510 wireless datacard.** This method requires the Garmin Pilot app on a portable electronic device.

SUPPORTED DATABASES

Basemap

Bodies of water, geopolitical boundary, and road information

Navigation

Airport, NAVAID, waypoint, and airspace information (Garmin or Jeppesen)

Obstacles

Obstacle and wire data

SafeTaxi

Airport surface diagrams

Terrain

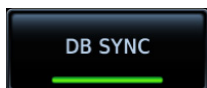
Terrain elevation data

Overwriting SD card database files

When database files are loaded to the SD card, any previously loaded database files of the same type residing on the SD card will be overwritten. This includes loading a database of a different coverage area or data cycle than that currently residing on the SD card.

For information regarding third party navigation databases, go to jeppesen.com.

Database SYNC



Database SYNC minimizes database maintenance by synchronizing active and standby databases across all configured LRUs. Once a standby database becomes effective, each LRU automatically generates an update prompt.

FEATURE LIMITATIONS

- Not applicable to Terrain database
- Database SYNC does not support Chart Streaming.

To toggle the feature on and off:

Home > **System** > **System Status** > **Menu** > **DB SYNC**

Database SYNC Compatibility

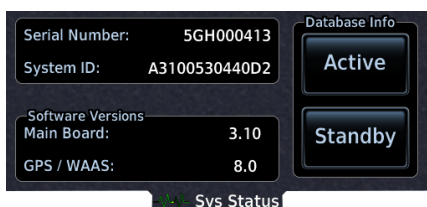
The Database SYNC function enables automatic database synchronization across all capable Garmin avionics:

- GPS 175
- GI 275
- GNC 355
- GNX 375
- GDU TXi running software version 3.10 and later (GDU 700(), GDU 1060) [1]

[1] Receive only. Airport directory and chart databases are not transmitted from GPS 175, GNX 375, or GNC 355.

For information regarding database packages, and individual database purchases, visit flyGarmin.com.

ACTIVE AND STANDBY DATABASES



Database SYNC transfer function includes active and standby databases.

The function prompts a unit restart if a new database is effective and the aircraft is on ground.

To view active or standby databases:

Home > **System** > **System Status** > select **Active** or **Standby**

Connectivity

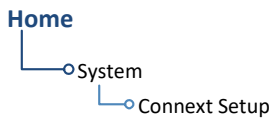


Connex works via the Bluetooth data link to provide up-to-date, wireless information throughout the cockpit.

FEATURE LIMITATIONS

- Unit allows pairing of up to 13 Bluetooth enabled devices, with two simultaneous device connections
- Auto reconnect function is not available for Android devices

Connex Setup



The Connex interface allows communication with Garmin Pilot from a portable electronic device.

Connex Features

The following features are available on your portable electronic device.

- GPS position and velocity information
- Uncorrected barometric pressure altitude used by transponder and ADS-B ^[1]
- ADS-B In traffic data ^[2]
- FIS-B weather and flight information ^[2]
- AHRS data from built-in sensor ^[3] ^[4]

[1] GNX 375 only.

[2] GNX 375, or GPS 175 and GNC 355 with external ADS-B In source.

[3] Attitude data does not output to other installed avionics.

[4] The internal AHRS sensor is only for use with a portable electronic device. All internal AHRS functions are automatic and do not require pilot action.

System Status



View information specific to the unit and its software. Refer here when contacting customer service.

System Info

- Serial number
- System ID
- Main software version
- GPS/WAAS software version
- COM board software version (GNC 355/355A only)
- Transponder software version (GNX 375 only)

Controls

Database Info access keys:

- **Active**
- **Standby**

For more about active and standby databases, refer to *Databases*.

GPS Status

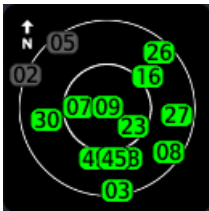


Monitor GPS receiver performance, establish a baseline for normal system operation, and troubleshoot weak or missing signal issues.

This page provides a visual reference of GPS receiver functions, including:

- Current satellite coverage
- Phase of flight
- Present position (latitude and longitude)
- GPS solution and receiver status
- Position accuracy

SKY VIEW DISPLAY



- Depicts satellites currently in view as well as their respective positions
- Outer circle represents the horizon (with north at the top of the circle)
- Inner circle represents 45° above the horizon
- Center point shows the position directly overhead

SIGNAL STRENGTH INDICATIONS

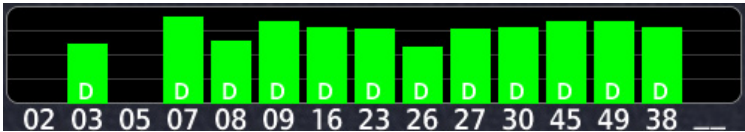
Satellite SVIDs

Each bar is labeled with the SVID of the corresponding satellite. Numbers vary according to satellite type.

- GPS: 1 to 31
- SBAS: 120 to 138

A graph shows GPS signal strength for up to 15 satellites. As the GPS receiver locks onto satellites, a signal strength bar appears for each satellite in view.

Graph symbols depict the progress of satellite acquisition. Some data may not display until the unit has acquired enough satellites for a fix.



SYMBOL	CONDITION
Not present	Receiver is searching for the indicated satellites.
Gray bar, empty	Satellite located.
Gray bar, solid	Satellite located, receiver is collecting data.
Yellow bar, solid	Data collected, but satellite is excluded from position solution (i.e., it is not in use).
Cyan bar, cross-hatch	Satellite located, but FDE excludes it for being a faulty satellite.
Cyan bar, solid	Data collected, but receiver is not using satellite in the position solution.
Green bar, solid	Data collected, satellite in use in the current position solution.
D (inside bar)	Differential corrections are in use (e.g., WAAS).

If the unit has not been in operation for more than six months, acquiring satellite data to establish almanac and satellite orbit information may take 5 to 10 minutes.

POSITION ACCURACY FIELDS

LABEL	POSITION DATA
EPU	Estimated Position Uncertainty
HDOP	Horizontal Dilution of Precision
HFOM	Horizontal Figure of Merit
VFOM	Vertical Figure of Merit

EPU is the horizontal position error estimated by the fault detection and exclusion (FDE) algorithm, in feet or meters.

Information fields indicate the accuracy of the position fix.

HFOM and VFOM values represent 95% confidence levels in horizontal and vertical accuracy.

Lower values mean higher accuracy. Higher values are the least accurate.



NOTE

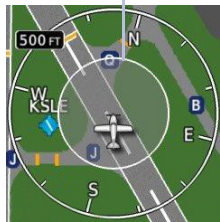
Under 14 CFR parts 91, 121, 125, and 135, the FDE availability prediction program must be used prior to all oceanic or remote area flights using GPS 175/GNX 375/GNC 355 as a primary means of navigation.

Circle of Uncertainty

FEATURE LIMITATIONS

- Available only when the aircraft is on ground
- Displays only on the Map page

Circle of Uncertainty



- Depicts area surrounding the ownship when GPS cannot accurately determine aircraft location
- Expands as GPS horizontal accuracy degrades
- Shrinks as accuracy improves
- Translucent with minor shading so as not to obstruct other features

LAND AND WATER DEPICTIONS

Land and water data are for general reference only. Data accuracy is not suitable for use as a primary navigation source. The information is intended to supplement and not replace official government charts and notices.

DATA DRAWING ORDER

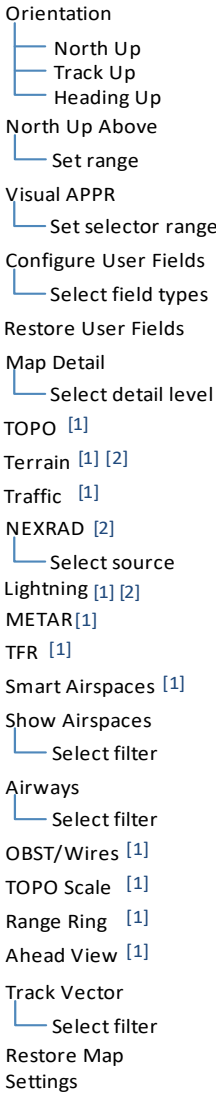
The electronic map draws data in order of priority, from highest (1) to lowest (25), with higher priority features drawn atop those of lower priority.

LEVEL	FEATURE
1	Traffic
2	Ownship
3	Flight Plan Labels
4	Highlighted Record
5	Flight Plan
6	TAWS Alerts
7	Remaining labels
8	Persistent Item
9	Point Obstacles
10	Line Obstacles
11	TFR
12	Lightning
13	Graphical METAR
14	Winds Aloft
15	SIGMETs
16	Center Weather Advisory

LEVEL	FEATURE
17	G-AIRMET
18	PIREP
19	Airspace
21	User Waypoints
21	Waypoints
22	Airways
23	Turbulence
24	Icing
25	NEXRAD (FIS-B)
26	Cloud Tops
27	SafeTaxi
28	Runways
29	Terrain
30	Basemap Labels
31	Basemap
32	TOPO

Map Setup

Map Menu



Map setup options allow you to customize the display of aeronautical information.

Tap **Menu** when you need to:

- Change map orientation settings
- Configure user fields
- Adjust the map detail level
- Enable map overlays
- Select a NEXRAD source
- Filter airspace data according to altitude
- Specify airway types and range values
- Expand the forward-looking view for improved situational awareness

RESTORE MAP SETTINGS

With the exception of user fields, this key restores all original factory map settings.

[1] On/off functionality only.

[2] NEXRAD, Lightning, and Terrain overlays are mutually exclusive.

Configure User Fields

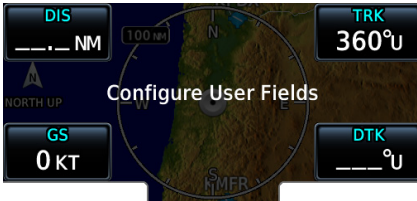
Default User Fields

- DIS - Distance
- GS - Ground Speed
- DTK/TRK - Desired Track/Track
- Flight Plan - From/To/Next ^[1]

[1] GNC 355/355A only

Displays Map in configuration mode, allowing you to customize the display of data in each corner of the page.

User fields are useful during time sensitive and work load intense phases of flight.

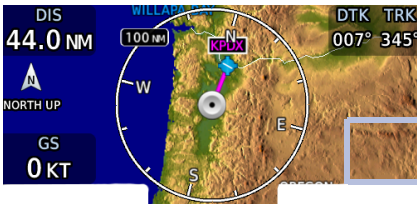


In configuration mode:

- All four data fields change to selectable keys
- All other map elements are inactive

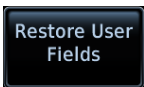


Tap any key and select from the list of available data types. Displayed units change based on selection.



Selecting "OFF" removes the corresponding user field from the map page.

User Field Absent



Tapping **Restore User Fields** returns all fields to their default settings and removes the TOPO scale if present.



GPS 175/GNX 375:

For convenience, Map user fields may be toggled on and off by pushing the control knob.

Fields remain hidden when you use the knob shortcut to move between Map and the Active FPL page. They reappear in their respective corners when you return to the Home page or use the knob to move between Map and any other application.*

* This functionality is not available on GNC 355/355A.

Map Overlays

Overlay Selections

- TOPO
- Terrain
- Traffic
- NEXRAD
- METAR
- Lightning
- TFR
- Airspaces
- Airways
- Obstacles & Wires

Overlay data controls reside in the Map menu. Changes to an overlay setting take effect immediately.

NEXRAD, Terrain, and Lightning overlays are mutually exclusive. Enabling one automatically disables the other.

Weather product and traffic overlays are optional on GPS 175 and GNC 355. They are available only when configured for ADS-B In equipment.

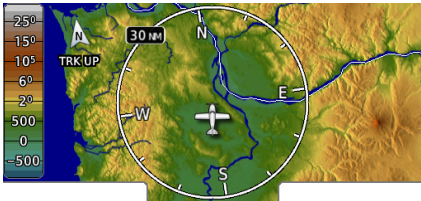
Overlay Controls



Control keys enable the specified overlay function only and do not activate interfaced equipment. Control keys remain active even in the absence of required data.

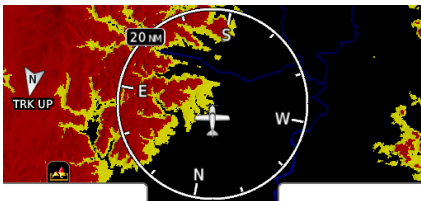
Overlay controls reside in the Map menu.

TOPO



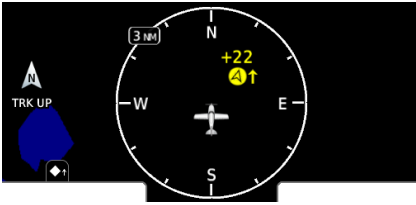
- Overlays topographical data and ground elevation scale
- Depictions are similar to a VFR sectional
- Pilot-selectable topographical elevation scale available

TERRAIN



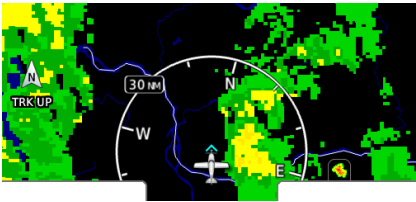
- Overlays terrain map data
- Color shading depicts terrain elevation relative to the aircraft's altitude

TRAFFIC



- Overlays traffic information
- Filter selection on the Traffic page determines altitude range
- Feature optional for GPS 175 and GNC 355

NEXRAD



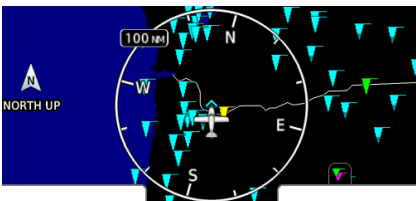
- Overlays datalink precipitation weather information
- Options include: CONUS, Regional, or off (none)
- Feature optional for GPS 175 and GNC 355

LIGHTNING



- Overlays lightning information
- Lightning strikes display as a lightning bolt or a cluster of bolts

METAR



- Overlays graphical METARs
- Tapping flag icon displays information on current and forecast conditions
- Available only in areas covered by the active navigation database
- Feature optional for GPS 175 and GNC 355

Overlay Status Icons

Icons indicate which overlays are present at the current map range. The absence of an overlay icon means one of two possible conditions:

- 1. Overlay not present at the current detail level or zoom setting.
- 2. Overlay control is off.

	METAR		NEXRAD
	Obstacle		Power line
	TFR		Traffic
	Terrain		Lightning



Data Not Available

This icon means the overlay is active, but data is unavailable due to a failure, test, or standby condition (where relevant).



Stale Data

This icon means overlay data is not current but remains displayed.

Waypoint Selection

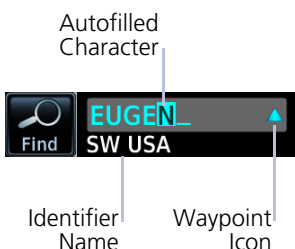


The **Waypoint Identifier** key provides access to different waypoint search options. Enter a specific identifier or select one from the available search tabs.

FastFind Predictive Waypoint Entry



FastFind predicts a waypoint based on the characters you select. As you type, the key label changes to reflect the identifier of the nearest matching entry.



Autofill characters are cyan and display from the cursor position to the right of the field.

Tap to select the predicted waypoint and open the corresponding information page.

Because it relies on your GPS position, FastFind can make predictions based on a single key press.

“No matches found” and “Duplicate found” announce when applicable. If no matches are found, “No suggestion” announces and the key is not selectable.

FastFind & Flight Plan

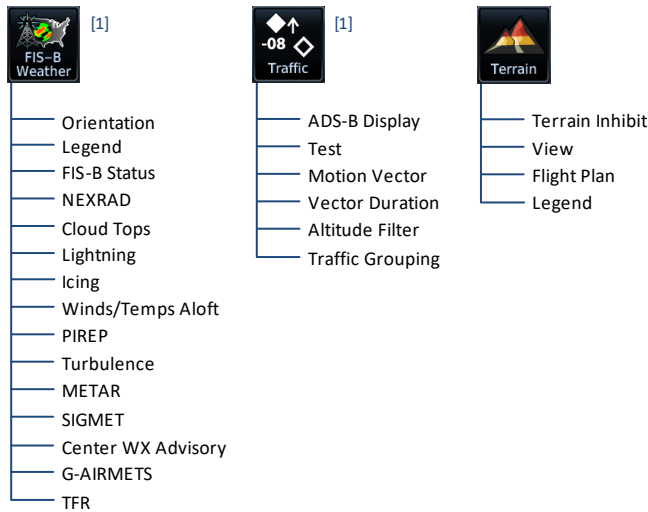
For convenience, use FastFind when creating your flight plan. The unit will search for waypoints closest to the current GPS position.

- If inserting a waypoint in the middle of the flight plan, the unit searches for waypoints between the next and previous waypoints.
- If adding a waypoint to the end, the unit searches for waypoints closest to the last waypoint in the flight plan.

FastFind is a convenient shortcut when you are adding waypoints to a flight plan or trying to find a waypoint in a hurry.

HAZARD AWARENESS
APPS & FUNCTIONS

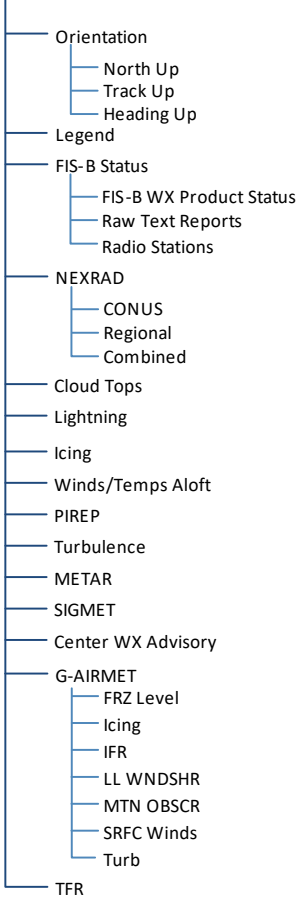
Menu selections vary based on features and optional equipment installed with Garmin avionics.



[1] GPS 175/GNC 355: Feature availability dependent upon unit configuration. Requires external ADS-B In product (GDL 88, GTX 345) and FIS-B.

FIS-B Weather Setup

FIS-B Weather Menu



Tap **Menu** to access weather setup options. This page also provides access to the FIS-B Status page for viewing raw text reports, and checking ground reception status reside.

Map WX Overlays

Overlay controls reside in the Map setup menu.

Home > **Map** > **Menu** > Select from **NEXRAD, METAR, Lightning, and TFR.**

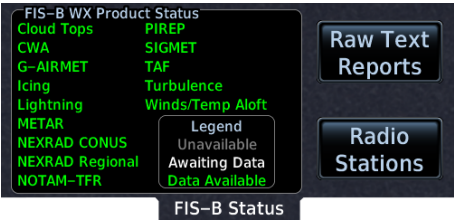
FIS-B Weather Products

When available, FIS-B weather products display as follows.

FIS-B WEATHER PRODUCT	WEATHER DISPLAY				RAW TEXT REPORT
	FIS-B WX PAGE	WX POP-UP TEXT	MAP PAGE	APT INFO	
METAR w/Decoding	•	•	•	•	•
NEXRAD	•		•		
NOTAM-D				•	•
NOTAM-FDC				•	•
PIREP	•	•			•
Cloud Tops	•				
Lightning	•		•		
Graphical AIRMETs	•	•			
Center Weather Advisory	•	•			•
SIGMET	•	•			•
TAF		•		•	•
TFR	•	•	•		•
Winds/Temps Aloft	•				•
Icing	•				
Turbulence	•				

Product Present: •

Product Status



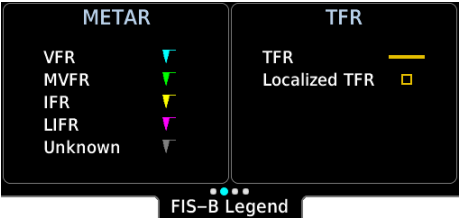
View the status of all FIS-B weather products. States include:

- Unavailable
- Awaiting Data
- Data Available

From the FIS-B menu, tap **FIS-B Status**.
This page is also accessible from the ADS-B Status page.

Product Legends

A scrollable legend provides relevant product colors and symbols. Definitions are organized by product function.



1. Tap **Menu > Legend**.
2. Use the inner knob to view the available product legends.

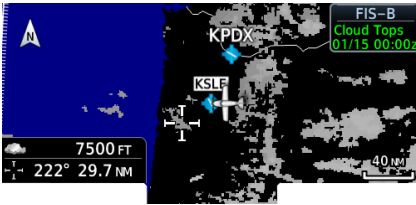
G-AIRMET FILTERS

	Freezing Level		Mountain Obscuration
	Icing		Surface Winds
	IFR		Turbulence
	Low-level Wind Shear		

To enable graphical AIRMETs:

1. Home > **FIS-B Weather** > **Menu**.
2. Toggle **G-AIRMET** on.
3. Tap **Settings**.
4. Select one or more filters.
5. Select between **Current (Auto)** and **All Forecasts**.
6. Return to the FIS-B Weather page.

Cloud Tops

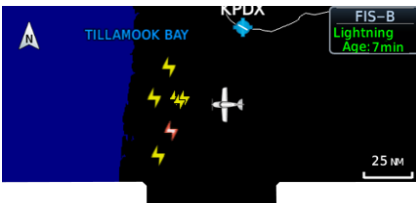


Indicates the altitude of the highest visible portions of a cloud at the time of forecast.

Cloud top data is generated by a computer model and has limited accuracy compared to actual conditions.

Lightning

Strike location is an estimate of its center. Lightning strikes display as a lightning bolt.



Lightning

1 Strike ⚡
 2-5 Strikes ⚡⚡
 >5 Strikes ⚡⚡⚡
 Polarity (+) ⚡
 No Coverage: ■

Center Weather Advisory

These advisories communicate en route and terminal weather conditions expected to occur within the next two hours. Information is valid for up to 2 hours.

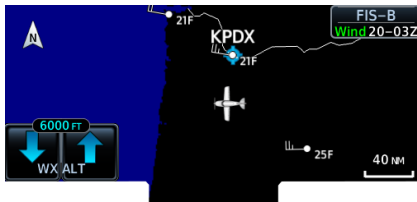


Center Weather Advisory:

Issued: 28-Oct 20:59 UTC
 Active: 28-Oct 20:59 UTC
 Expire: 28-Oct 22:00 UTC

Report: CWA KZSE 282059 ZSE1 CWA 282059
 ZSE CWA 102 VALID UNTIL 282200
 FROM 45NE PDX-30S PDX

Winds/Temps Aloft



Indicates wind speed and direction, and temperature forecast for the specified altitude.

Altitude range: surface to 45,000 ft

The wind barb extends outward from the reporting location dot in the direction of wind origination.



Up and down arrow keys adjust altitude for altitude-based weather products.

Not all altitudes provide winds/temps aloft forecasts for all regions.

Icing

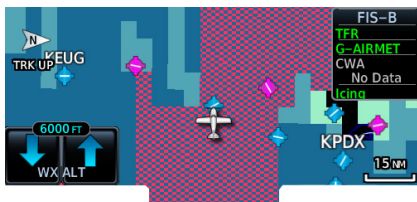


NOTE

Due to the incremental and overlapping nature of the FIS broadcast, timestamps, regional coverage, and map data availability may vary with altitude for computer generated FIS-B icing forecasts.

Icing potential is not a forecast, but a presentation of icing potential at the time of analysis. The icing timestamp shows the valid time in UTC.

Supercooled Large Droplet (SLD) icing conditions are characterized by the presence of relatively large, super cooled water droplets indicative of freezing drizzle and freezing rain aloft. SLD threat areas are depicted as black and pink blocks over the icing colors.



The Icing potential shows a graphic view of the current icing conditions. Categories are Trace, Light, Moderate, and Heavy.

Altitude Range:

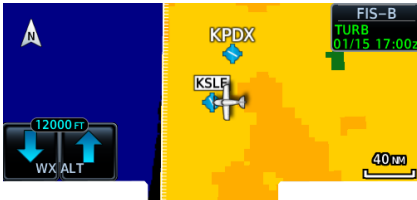
2,000 to 24,000 ft (at 2,000 ft intervals)

Turbulence



NOTE

Due to the incremental and overlapping nature of the FIS broadcast, timestamps, regional coverage, and map data availability may vary with altitude for FIS-B turbulence forecasts.



Turbulence is classified as light, moderate, severe or extreme. Turbulence data is intended to supplement G-AIRMETs and SIGMETs.

The turbulence timestamp shows the valid time in UTC.

Altitude Range:

2,000 to 24,000 ft (at 2,000 ft intervals)

TFRs



WARNING

Do not exclusively use datalink services for TFR information. TFR Depictions may not be a complete listing and may vary between cockpit devices. Always confirm TFR information with official sources such as Flight Service Stations or Air Traffic Control.

TFRs identify areas of airspace where aircraft are temporarily restricted from operating. They are routinely issued for occurrences such as dignitary visits, military activities, and forest fires.

Tapping a TFR displays textual details.



TFR:

ID: 9/5151
Effective Immediately
Until further notice
Max Alt: 3000 FT AGL
Min Alt: Surface
Report: NOTAM-TFR 9/5151 261634Z PART 1 OF 2 .. SPECIAL NOTICE .. SPORTING EVENTS.

Database Advisories

ADVISORY	CONDITION	CORRECTIVE ACTION
<Terrain/Obstacle> database not available.	The indicated database is unavailable or corrupt.	Re-download and install the indicated database. Contact a Garmin dealer for support.
Terrain display unavailable for current location.	Terrain database cannot provide elevation at the current GPS position. Aircraft is outside the database coverage area.	Load appropriate coverage area onto the external datacard.
Verify user-modified procedures in stored flight plans are correct.	Navigation database updates and the stored flight plan contains user-modified procedures.	Verify the procedures are correct.
Verify airways in stored flight plan are correct.	The stored flight plan contains an airway that is inconsistent with the current navigation database.	Verify all airways are correct. If necessary, reload airways to the stored flight plan routes.
A procedure has been modified in a cataloged flight plan.	Database update causes flight plan to exceed 100 waypoint limit. Procedure is removed or truncated as a result.	Verify cataloged flight plan and procedures are correct. If necessary, reload procedures to the stored flight plan routes.
Aircraft in area with large mag var. Verify all course angles.	Magnetic variation flagged as unreliable in the MagVar database. Typically occurs when operating at high latitudes that do not support a magnetic NAV angle.	Verify that the geographical region supports navigation based on magnetic variation.
Database SYNC in progress.	Database Sync transfer in progress.	View System Status page for more info.

