



# Understanding PIREPs: What They Are, Why They Matter, and How to Read Them



Pilot Weather Reports—better known as PIREPs—are one of the most valuable real time weather tools in aviation. For dispatchers, pilots, meteorologists, and ATC, PIREPs provide something no forecast can: actual conditions being experienced in the sky right now.

In an environment where safety and situational awareness are everything, PIREPs help bridge the gap between forecast models and reality.

## What Is a PIREP?

A PIREP (Pilot Report) is a report submitted by a pilot describing the weather conditions they are encountering in flight. These reports are transmitted to ATC, Flight Service, or digitally through EFBs and are immediately shared across the aviation system.

PIREPs provide real time information on...

[Read Full Article](#)