



Overview

Weather Conditions Reported by Pilots

A pilot weather report (PIREP) is a report pertaining to current weather conditions encountered by aircraft in flight.

Can be Used to Confirm Forecasts

A PIREP is an invaluable data source for aviation meteorologists because it either confirms an existing forecast or highlights the requirement for an amendment.

Sometimes the Only Source of Weather Reports

A PIREP may also be the only information available regarding areas between reporting stations, particularly those areas whose topography may produce localized weather phenomena

UACN10 CYXU 032133 YZ UA
/OV YXU 090010 /TM 2120
/FL080 /TP PA31 /SK 020BKN040
1100VC /TA -12 /WV 030045
/TB MDT BLO 040 /IC LGT RIME
020-040 /RM NIL TURB
CYYZ-CYHM



Report Type

Regular PIREP.
Urgent PIREPs are encoded as UACN01 or UUA.

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3rd day of the month, at 2133Z.

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PIREPs Covering Multiple FIRs

FIR: Toronto. If the PIREP extends into an adjacent FIR, both FIRs will be indicated.

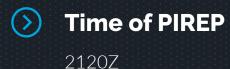
UACN10 CYXU 032133 YZ UA /OV YXU 090010 /TM 2120 /FL080 /TP PA31 /SK 020BKN040 1100VC /TA -12 /WV 030045 /TB MDT BLO 040 /IC LGT RIME 020-040 /RM NIL TURB CYYZ-CYHM



Location

London VOR 090° radial, 10 NM.
PIREP location will be reported with reference to a NAVAID, airport or geographic coordinates (latitude/ longitude).

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Altitude

8,000 ft ASL.

Altitude may also be reported as "DURD" (during descent), "DURC" (during climb) or "UNKN" (unknown).

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Type of Aircraft

Piper Navajo (PA31).

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Sky Cover

First layer of cloud based at 2,000 ft with tops at 4,000 ft ASL. Second layer of cloud based at 11,000 ft ASL.

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Wind Velocity

Wind direction 030° true, wind speed 45 kt.

Wind direction reported by pilots in degrees magnetic will subsequently be converted to degrees true for inclusion in PIRFP.

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Turbulence

Moderate turbulence below 4,000 ft ASL.

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) Icing

Light rime icing (in cloud) between 2,000 ft ASL and 4,000 ft ASL.

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No turbulence encountered between Toronto and Hamilton.