



**NATIONAL WEATHER SERVICE  
OBSERVING HANDBOOK NO. 8**

**AVIATION WEATHER OBSERVATIONS  
for Supplementary Aviation Weather  
Reporting Stations (SAWRS)**

**MANUAL OBSERVATIONS**

**OCTOBER 1996**

**U.S. DEPARTMENT OF COMMERCE**  
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*National Oceanic and Atmospheric Administration  
Dr. D. James Baker, Under Secretary and Administrator*

*National Weather Service  
Dr. Elbert W. Friday, Jr., Assistant Administrator*

# Manual Of Standards And Procedures For Aviation Weather Forecasts

**Canada**



## **Manual Of Standards And Procedures For Aviation Weather Forecasts:**

**MANAIR - Manual of Standards and Procedures for Aviation Weather Forecasts** Meteorological Service of Canada,2012    **MANAIR** ,1996    **MANAIR - Manual of Standards and Procedures for Aviation Forecasts** ,2024

The Manual of Standards and Procedures for Aviation Weather Forecasts MANAIR specifies procedures practices and formats to be used in the preparation of aviation weather forecasts It serves as a precise standard for the operational meteorologist who produces Canadian aviation weather forecasts It also provides necessary information for those who deliver aviation weather services This manual is used within Environment and Climate Change Canada ECCC as a standard for operational meteorologists producing aviation weather forecasts and for informational purposes for users who deliver Canadian aviation weather services Revisions and amendments will be issued when warranted All holders of the manual are responsible for keeping their copies current When revisions and amendments have been entered they are recorded on the page headed Record of Amendments Foreword page iii 1st section    *Manual of Standards and Procedures for Aviation Weather Forecasts* ,1996    MANAIR Meteorological Service of Canada. Prediction Services Directorate,2015 The Manual of Standards and Procedures for Aviation Weather Forecasts MANAIR specifies procedures practices and formats to be used in the preparation of aviation weather forecasts It serves as a precise standard for the operational meteorologist who produces aviation weather forecasts It also provides necessary information for those who deliver aviation weather services

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The Aviation Safety Program AvSP has as its goal an improvement in aviation safety by a factor of 5 over the next 10 years and a factor of 10 over the next 20 years Since weather has a big impact on aviation safety and is associated with 30% of all aviation accidents Weather Accident Prevention WxAP is a major element under this program The Aviation Weather Information A WIN Distribution and Presentation project is one of three projects under this element This report contains the findings of a study conducted by the Georgia Tech Research Institute GTRI under the Enhanced Weather Products effort which is a task under A WIN The study examines current aviation weather products and their application The study goes on to identify deficiencies in the current system and to define requirements for aviation weather products that would lead to an increase in safety The study also provides an overview of the current set of sensors applied to the collection of aviation weather information New modified or fused sensor systems are identified which could be applied in improving the current set of weather products and in addressing the deficiencies defined in the report In addition the study addresses and recommends possible sensors for inclusion in an electronic pilot reporting EPIREP system     [Federal Aviation Regulations and Flight Standards for Pilots](#) Aero Publishers, Inc,1968     *Manual of Aeronautical Meteorological Practice* ,2011     **MANAIR** ,1990

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