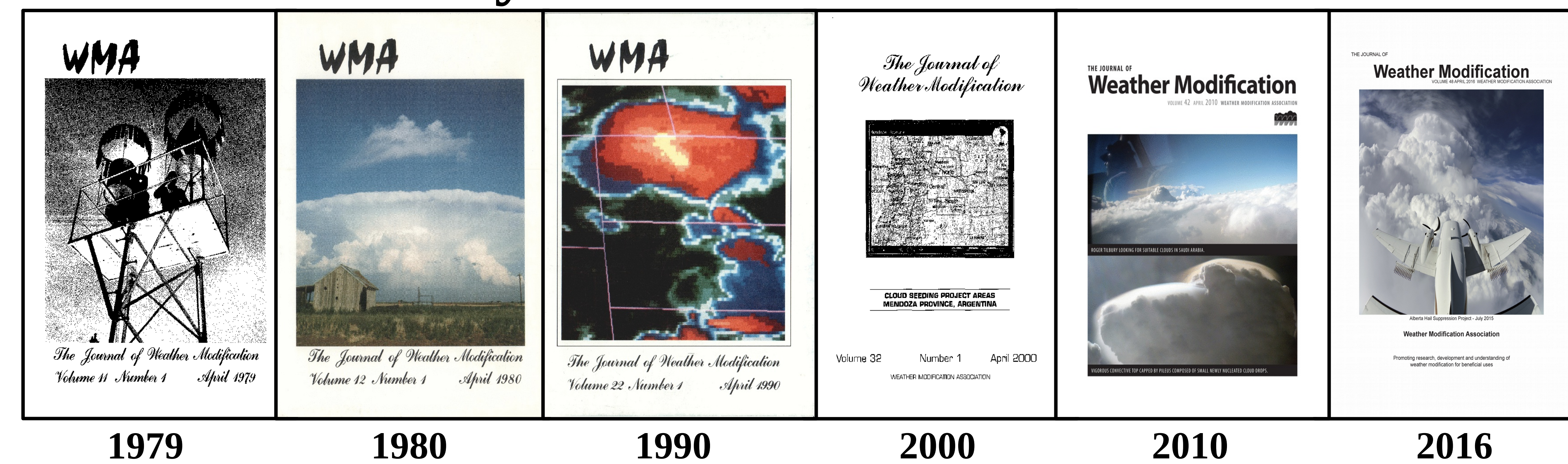


Introduction

The Journal of Weather Modification (Journal) is the official organ of the Weather Modification Association (WMA). Found at <http://www.weathermodification.org/publications/>, the Journal publishes peer-reviewed scientific papers on weather modification and related subjects. Shorter notes and correspondence, including reports about weather-modification-related activities, are considered for publication at the discretion of the editor.

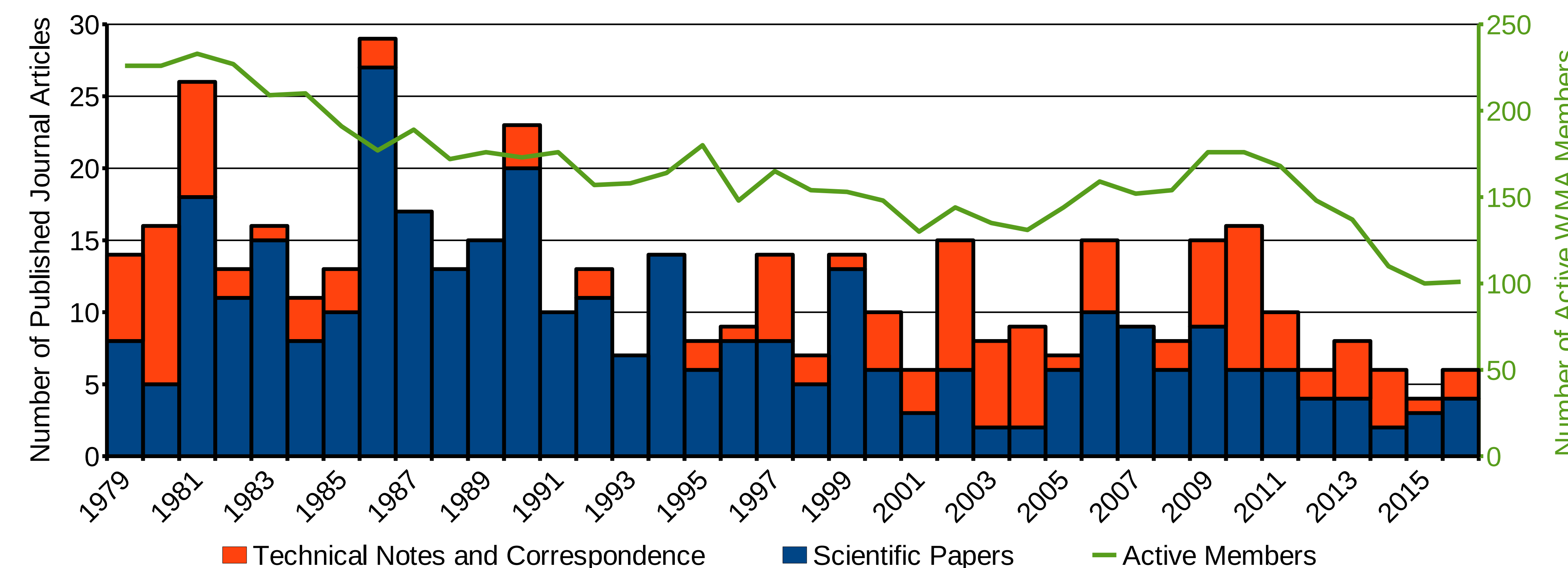
The Journal published its first issue in 1969 and added a peer-reviewed section in 1979. In 2010, the Journal started its transition to online publishing, which was completed in 2014 with all articles since 1979 available on the Journal's website (Gapp et al., 2015). Titles, authors, and abstracts are fully searchable at the Journal's website and indexed by search engines. The Open Journal System (OJS) software that manages the website continues to be customized, which includes a recently added frequently asked questions section.

History of the Journal in Pictures



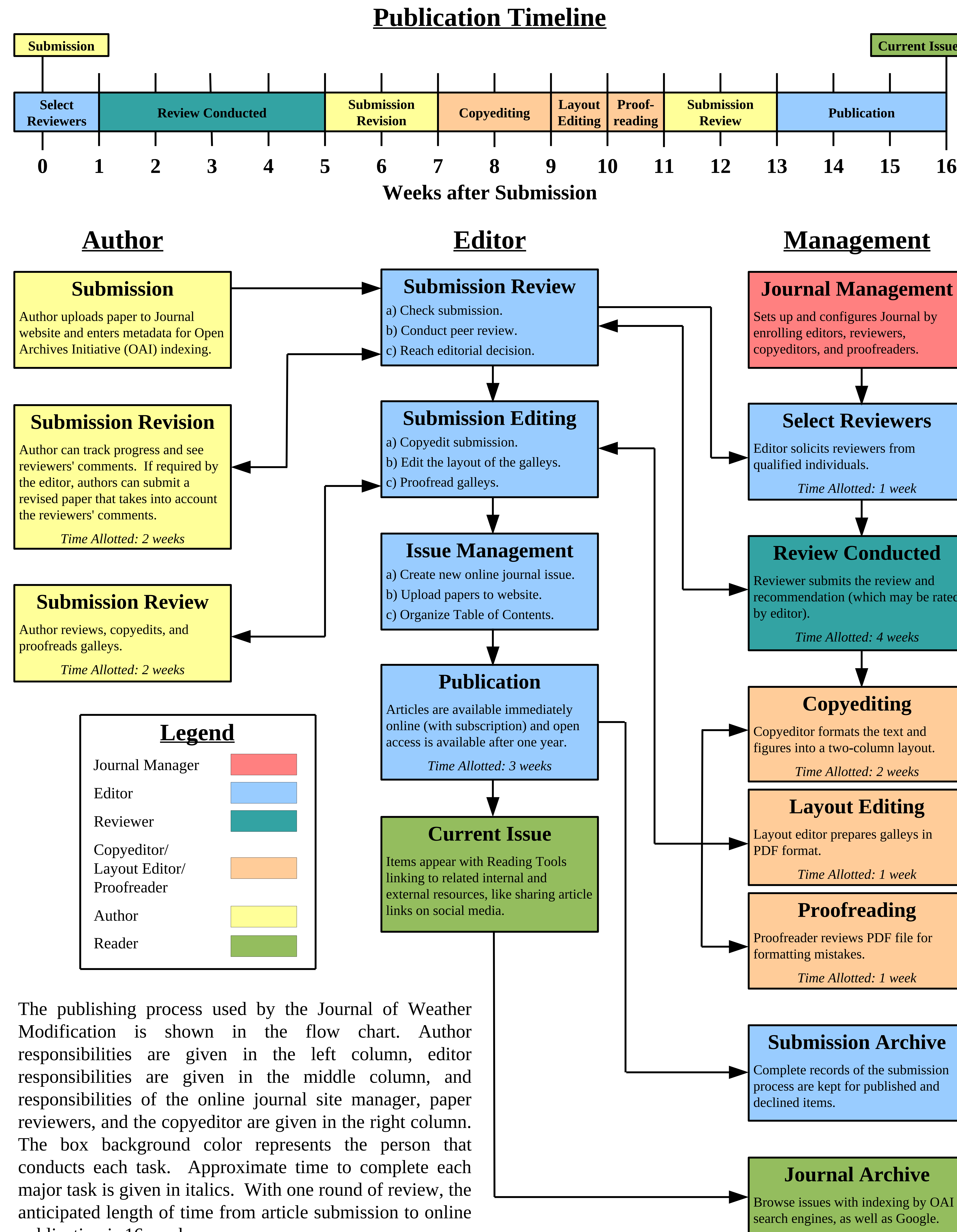
Statistics of the Online Journal

- 337 peer-reviewed scientific articles from 1979-2016 are available online, with an average (μ) of 9.12 articles per year (apy) and a standard deviation (s) of 5.52 apy.
- 460 total articles are available over the same 37-year period ($\mu = 12.43$ apy and $s = 5.5$ apy).
- Online Journal statistics indicate abstracts from the 2009 to 2014 articles have been viewed over 7,500 times since being released in early 2013.
- The Journal's website currently has 193 registered users.
- There has been a steady decline in scientific articles and WMA membership since 1980.



Plot showing published Journal articles and active WMA membership between 1979 and 2016. Blue bars depict Scientific Papers published and red bars depict Technical Notes and Correspondence published. The green line shows the number of active WMA members.

The Publishing Process



The publishing process used by the Journal of Weather Modification is shown in the flow chart. Author responsibilities are given in the left column, editor responsibilities are given in the middle column, and responsibilities of the online journal site manager, paper reviewers, and the copyeditor are given in the right column. The box background color represents the person that conducts each task. Approximate time to complete each major task is given in italics. With one round of review, the anticipated length of time from article submission to online publication is 16 weeks.

Current Editorial Board

Bruce Boe, Weather Modification Inc., Fargo, ND, USA
Daniel Breed, National Center for Atmospheric Research, Boulder, CO, USA
Don Griffith, North American Weather Consultants, Sandy, UT, USA
Daryl O'Dowd, Weatherdyne.com, Calgary, AB, Canada
Dr. Jeffrey Tilley, Open Science Associates, Reno, NV, USA

Frequently Asked Questions

Where can I find the Journal of Weather Modification online?

<http://www.weathermodification.org/publications/>

What can I find on the Journal's website?

Tools to submit, track, and review articles are available on the website. The current issue and all articles dating back to 1979 are also available. All articles are fully searchable via the website and search engines like Google.

How can I download PDF files from the Journal's website?

After searching for the desired article(s), click on the "PDF" link in the right column of the desired article and you will be directed to a PDF viewer within the browser. The PDF can be saved via the "Download this PDF file" link.

Do I need a membership to view Journal issues or articles?

A library subscription, WMA subscription, or individual membership to the Journal is required to view articles in the most recent issue. After one year, all articles are freely accessible and open to the public.

How do I include figures in the submission of my article?

Include figures within the submitted document. In addition, submit all figures as supplemental material with a resolution of at least 220 dots per inch (dpi) or 1200 pixels per inch (ppi).

Future Work

- Provide all members with Journal accounts and membership subscriptions.
- Actively solicit papers for Technical Notes and Correspondence section, including papers describing methodologies used in weather modification.
- Implement Completely Automated Public Turing Test To Tell Computers and Humans Apart (CAPTCHA) to safeguard against automatic account creation on the Journal website and allow users to create their own accounts, instead of having to request account creation.
- Implement a Digital Object Identifier (DOI) numbering system for each article for easy reference tracking and individual article identification.

Acknowledgments

The Journal and its website are supported by the WMA.

Reference: Gapp, N., Delene, D., and Seyler, W., 2015: A switch to digital: The transition of the Journal of Weather Modification to online publishing. 2015 Wea. Modif. Association Annual Meeting, Fargo, ND, Wea. Modif. Association.