

**The 174th Annual Report
of the
Royal Meteorological Society
for the period
1 January – 31 December 2024**

ANNEXES

CONTENTS

Annex A: THE UK WEATHER OF 2024	4
Review of UK Weather for 2024.....	4
Annex B: MEMBERSHIP AND ACCREDITATION	5
Membership	5
Professional Accreditation in Meteorology.....	8
Annex C: AWARDS	11
Annex D: SCIENTIFIC PUBLISHING	13
Annex E: SOCIETAL BENEFITS.....	17
Science Engagement Committee.....	17
Education Committee	19
Events Committee.....	21
Local Centres and Special Interest Groups.....	24
Reports from Special Interest Groups	27
Annex F: UNDERPINNING ACTIVITIES AND CROSS-CUTTING PRIORITIES	29
Council and Committees.....	29
Business Development and Strategic Partnerships	30
Equality, Diversity and Inclusion (EDI)	31
Net Zero.....	31
Marketing and Communications.....	32
Membership Engagement.....	33
Education and Science Engagement	33
Annex G: MEMBERSHIP OF COMMITTEES, BOARDS, LOCAL CENTRES AND SIGS	33
Accreditation Board	33
Awards Committee	33
Course Evaluation and Continuous Professional Development Panel	33
Education Committee	33
House Committee.....	33
Meetings and Conferences Committee	34
Membership Development Board.....	34
Science Engagement Committee.....	34
Scientific Publishing Board	34
Strategic Planning Board	34
Weather and Climate Conference Organising Committee	34
Early Career and Student Conference Organising Committee.....	34
Local Centres	34
Special Interest Groups	35
Journal Editorial Boards.....	36
Background to the Society.....	38
THE RESERVES POLICY OF THE SOCIETY	40
THE INVESTMENT POLICY OF THE SOCIETY	41
Annex H: REPORTS FROM OTHER REPRESENTATIVE BODIES	42

Science Council	42
General Aviation Safety Council (GASCo)	42
UK Flight Safety Committee (UKFSC).....	43
European Meteorological Society (EMS).....	43
EMS Membership and RMetS Representation.....	43

Annex A: THE UK WEATHER OF 2024

Review of UK Weather for 2024

The whole of the UK was warmer than average in 2024, and the majority of the UK was wetter and duller than average. It was the fourth warmest year on record for the UK with eight months of the year being warmer than average. Spring was the warmest on record for the UK with a record-high average temperature for May. February was the second warmest on record and December the fifth warmest for the UK. In contrast it was a cooler than average summer.

The annual average minimum temperature for the UK in 2024 was the equal-warmest on record, matching the previous record set in 2023. The consequence of this has been some mild nights and far fewer frosts than normal, particularly in February and December. Meanwhile, the annual average daily maximum temperature was eighth warmest in the series.

There was some regional variation for rainfall with a slightly drier year than average for Northern Ireland and parts of Scotland and the wettest areas in central and southern England. Oxfordshire, Wiltshire, Gloucestershire, Bedfordshire and Buckinghamshire saw their second-wettest year on record, driven by large rainfall totals in February and September. In southern England, there was well over 200% of average rainfall in February and nearly 180% in March. Accumulated rainfall was further boosted by exceptional rain in September, which saw some regions recording more than 300% of average rainfall.

The rainfall amount of 2024 was a notably wet year compared to much of the 19th and 20th centuries, although comparatively drier than a cluster of relatively wet years that have occurred since the late 1990s. The drivers of annual rainfall trends are complex with annual totals masking regional and seasonal variations. One important driver is that a warmer ocean and atmosphere can result in more moisture in the atmosphere, which leads to more intense rain.

The highest maximum temperature of the year was 34.8C, recorded in Cambridge on 12 August during a relatively short hot spell in an otherwise unremarkable summer. The lowest minimum temperature of the year was -14.0C, recorded at Dalwhinnie in the Scottish Highlands on 17 January.

Two red warnings for wind were issued in 2024. These were for storm Isha in January, which affected north-east Scotland, and storm Darragh in December, which affected west Wales. These two windstorms were the UK's most powerful since storm Eunice in 2022. Storm Lilian in August marked the first time that storm names reached 'L' in the alphabetised list since storm naming was introduced in 2015.

UK Temperatures

The mean value was 9.78C, which is 0.64C above the 1991-2020 average.

UK Precipitation

The total was 1242.1 mm, which is 107% of the 1991-2020 average.

UK Sunshine

The total was 1274.4 hours, which is 91% of the 1991-2020 average.

Regional Breakdown (data from the Met Office):

Relative to the average (1991-2020)	Mean Max (C)	Mean Min (C)	Rainfall (%)	Sunshine (%)
UK	13.28 (0.49)	6.32 (0.79)	107	91
England	14.39 (0.57)	7.07 (0.95)	117	91
Wales	13.25 (0.33)	6.75 (0.81)	109	85
Scotland	11.5 (0.43)	4.92 (0.52)	99	94
Northern Ireland	13.04 (0.37)	6.32 (0.70)	90	87

Annex B: MEMBERSHIP AND ACCREDITATION

Membership

The Membership Development Board (MDB) is represented by members from academic, professional, student, and enthusiast backgrounds who oversee the Society's strategy relating to membership. The Board is committed to engage and recruit a more diverse membership by creating an improved member value proposition. This includes providing more exclusive member only benefits relevant to their background and interests.

For the second year in a row our total number of members has continued to grow. Continuing our focus on engagement and communicating member benefits were all factors that played a key role in this increase.

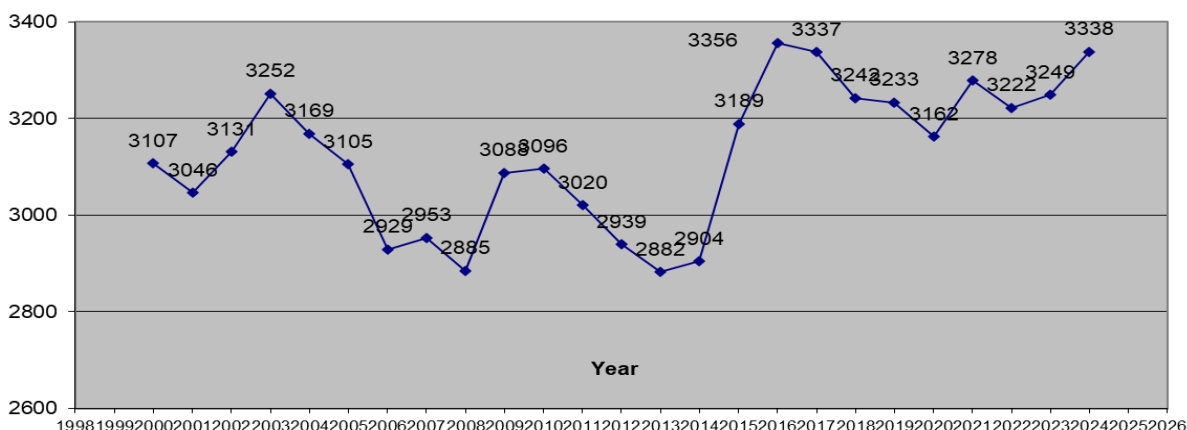
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Membership and Accreditation Highlights:

- Total number of members at year-end 2024 was 3,338, a 3% increase over 2023.
- 323 new members joined in 2024, a 30% increase over 2023.
- 206 Professional Accredited members, a record number since launch of accreditation in 1994 and 4.5% increase on last year.
- More than 25% of members live outside the UK.
- Retention rates remain high at 91%.

Grade of Membership	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Honorary Fellow HonFRMetS	30	29	27	30	30	31	30	30	31	30	31
Life Fellow FRMetS	31	99	94	98	76	82	79	105	107	120	121
Fellow FRMetS	1586	1513	1518	1510	1471	1479	1445	1390	1344	1295	1259
Member (Associate Fellow before 2018)	974	1104	1217	1212	1186	1164	1217	1372	1390	1434	1487
Student Member	261	416	473	471	464	464	378	367	334	353	422
Corporate Member	22	28	27	14	15	12	14	12	16	17	18
Total	2904	3189	3356	3337	3242	3233	3162	3278	3222	3249	3338

Total Membership



Supporting our Members:

We continue to pay close attention to the value provided by RMetS membership and this is reflected in our membership surveys, which has fed directly into a project that will result in RMetS strengthening and communicating its member benefits with tailored, segmented offers that provides distinct benefits for each of our membership groups.

From an international perspective we have members in more than 60 countries, representing approximately 25% of our members, helping us continue to broaden our reach. In 2024 engagement was particularly strong in Italy with a drive to attain professional accreditation.

By raising awareness of the Society's Legacy fund, we were able to provide funding to support members. This included financing travel to conferences, and to undertake scientific activities and professional development opportunities.

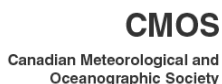
Membership Collaboration:

The Society remains actively engaged with the Met Office, participating in multiple roadshows throughout the year. These events not only help raise awareness of the Society but also provide employees from the Met Office with the opportunity to sign up for membership. Similarly, discussions with DTN, Royal Navy and FleetWeather are very positive, reinforcing the Society's mission to professionalise the sector and support career development for individuals dedicated to professional advancement.

Reciprocal Membership:

The Society continues to foster important strategic partnerships with organisations across the meteorological community and beyond. The aim of the partnerships is to work together on initiatives, share information and engage with activities to promote the mutual benefits of our respective membership, for example discounted membership subscriptions.

The Society has reciprocal membership agreements with the American Meteorological Society, the Australian Meteorological and Oceanographic Society, the Canadian Meteorological and Oceanographic Society, the Indian Meteorological Society, the Institute of Physics, and Ampro. The Society has worked with all our reciprocal partners during 2024.



Corporate Membership:

In 2024, the Society maintained the number of corporate members at a total of 18.

Corporate members: Bermuda Airport Authority, Biral, DTN, Equinox Instruments, FleetWeather, Fortis Facades, Gallagher Re, Jersey Met, Lake Street Consulting Ltd, MetDesk Ltd, Meteo France International, Ard Group, OpenWeather, Royal Navy, Skyview, StormGeo Ltd, Vaisala, and WeatherQuest.

The Society has been working to increase engagement with its corporate members, with a focus on supporting employees with continued professional development and achieving accreditation.

Student Ambassadors:

It has been another very active year for our student ambassadors, who have carried out various initiatives to raise awareness. Their efforts included hosting events, sharing information through newsletters and social media, displaying posters on campus about membership opportunities, and networking with peers to highlight the research and its connection to their studies. They also conducted tutorial talks to further engage their audience. The image below showcases the locations of the 30 student ambassadors from across the country.

Student Ambassadors



University of Edinburgh
 Durham University
 University of York
 University of Leeds
 Lancaster University
 University of Manchester
 Liverpool John Moores University
 Loughborough University
 University of Birmingham
 University of East Anglia
 University of Cambridge
 University of Oxford
 Swansea University
 The Open University
 King's College London
 University of Bristol
 University of Reading
 University of Plymouth

Volunteers:

The Society could not deliver its important work without the help of a team of dedicated volunteers. In 2024, we continued to raise the visibility of volunteering through various initiatives. This included reaching out to volunteers to create profiles for use across multiple platforms. Successful recruitment efforts for active groups led to an overall increase in both volunteer numbers and engagement. Additionally, we began collecting EDI data and developed volunteer-focused content for National Volunteer Week, which took place in June.

With around 600 volunteers taking part in 60 different activities, this continued involvement of our volunteers underpins many of our membership activities.

RMetS extends its sincere gratitude to all volunteers, recognising the invaluable impact of their efforts.

Membership Retention:

The member retention rate for 2024 remains high at 91%. This was achieved through a number of activities including:

- contacting members to remind them of the benefits, especially new members;
- regular communications to members to check their dashboard for information about discounts and member promotions etc.

The majority of the Society's membership (75%) are based in the UK, and the remaining 25% represent a healthy spread across several countries. These include USA with the highest number of members, followed by Australia, Germany, Ireland, Hong Kong and other European countries, like Netherlands and Italy. The following table shows a breakdown in membership in each category over recent years.

Professional Accreditation in Meteorology

The Society's activities around Professional Accreditation in Meteorology are overseen by the Professional Accreditation Board (PAB). Members of the Board come from across the breadth of the meteorological community, including the public and private sectors, along with academia. The PAB sits alongside the Membership Development Board (MDB) within the Membership and Accreditation Business Area. The PAB aims to work closely with the MDB and the Terms of Reference for each group reflect this closer cooperation, along with standing invitations for the Chairs to attend each other's meetings. It reports to Council and is supported by the Course Evaluation and Continuous Professional Development (CE/CPD) Panel. The PAB met twice during 2024.

To progress the Society's mission of advancing the understanding of weather and climate and its application for the benefit of all, we actively support our members in becoming professionally accredited and progressing their careers. A key aspect of this is encouraging the uptake of our professional accreditation as a valuable early career achievement.

The accreditation process continues to run smoothly, and this year, we are proud to announce a record-breaking number of 206 professionally accredited members. Additionally, the total number of CMets has reached 96, and 17 new CMets were awarded this year. RMets also saw impressive results, with 12 new RMets awarded, bringing the total to 110.

The Society have recently completed an update of its member-only mentoring programme, designed to benefit not only early career mentees but also more experienced mentors.

Key Activities in 2024:

- **ACCSYS:** In 2024, the online Accreditation and CPD management system, ACCSYS, was redesigned and redeveloped. Several enhancements and updates were made, including the full integration of the system into the main rmets.org site and improvements to existing functionality. ACCSYS is accessible to all members, even those not applying for accreditation. The ACCSYS upgrade was launched at the end of the year and has been received well.

- **Dormancy Register:** The register has been reviewed to ensure it is more inclusive, fair and transparent for any accredited member wishing to take an extended break.
- **30th Anniversary of CMet and 10th Anniversary of RMet:** Celebrations of both anniversaries took place at the Society's May meeting and AGM on HMS Belfast.
- **Youth and Early Career Focus:** launch of a webinar about professional accreditation specifically for this audience.
- **Self-Assessment Questionnaire:** the questionnaire was developed to help potential applicants to determine whether they are ready to apply for RMet or CMet. Over 230 people have completed the [online survey](#).

The Society defines the scope of its accreditation activity as recognising excellence in people, in organisations, and supporting CPD. Providing the resources and support listed above to encourage professional development and learning for members is vital in delivering a meaningful experience whilst they complete their professional journey.

The tables below show the data relating to RMet (launched in 2014) and CMet (launched in 1994) over recent years.

Registered Meteorologist (RMet):

Registered Meteorologists (RMet)	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
No. of applications received	35	11	46	5	4	17	8	6	7	12
No. of accreditations granted	28	20	46	5	3	13	18	3	7	13
No. of RMet resigned/withdrawn				5	19	3	6	9	7	5
No. of applications outstanding at year end	7	4	7	2	3	8	2	3	3	3
No. of RMet transferred to CMet					8	1	4	3	4	4
No of RMet on Dormancy Register		3	5	6	6	6	8	7	11	11
No. of accredited RMetS at year end	72	92	124	123	99	106	114	112	108	110
RMet CPD reports	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
No. of CPDs reviewed			50	71	93	94	81	86	92	43
No. of CPDs approved			50	71	92	93	81	86	82	42

The RMet register can be found [here](#).

Chartered Meteorologist (CMet): The number of CMets increased in 2024 to 96, the highest number of CMets since the accreditation scheme was launched in 1994.

Chartered Meteorologists (CMet)	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
No. of applications received	5	5	6	4	9	7	7	7	9	14
No. of accreditations granted	3	3	4	5	8	3	8	7	9	17
No. of CMet resigned/withdrawn	3	1	5	1	8	1	2	5	2	5
No. of applications outstanding at year end	1	2	4	0	1	5	4	3	4	3
No. of CMet on Dormancy Register	4	3	2	2	1	1	0	0	1	0
No. of accredited CMet at year end	66	69	67	71	71	74	81	82	89	96
CMet CPD	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
No. of CPDs reviewed	30	36	24	27	28	28	31	32	28	38
No. of CPDs approved	30	36	23	27	28	28	31	32	28	37

The CMet register can be found [here](#).

Continuing Professional Development (CPD): The Society recognises that membership and professional accreditation are closely aligned, offering benefits to both meteorological practitioners and their employers. CPD forms part of these benefits and the Society continues to support those across the community in recognising, publicising and delivering CPD. Compared to 2023 the number of members completing their CPD records has increased by 8%. The number of CPD events across the year was over 60, offered both in-person and virtual, reflecting the higher levels of accessibility for our members.

The table below shows the data relating to ACCSYS, the Society's online platform for accreditation application and CPD records, since it was launched in 2014. CPD activities linked to Society publishing opportunities and event attendance can be captured directly as a CPD record in ACCSYS through the click of a button.

ACCSYS	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
CPD records	642	1,644	4,782	7,820	9,237	11,984	14,297	16,400	19,232	21,880	23,725
CPD reports				321	391	604	718	825	971	1,080	1,169

Annex C: AWARDS

The Society is incredibly proud of the work and achievements of all our award winners. Over recent decades the nature and extent of contributions of our members has broadened substantially, as meteorology and related disciplines have become more central to education, business and policy. Since 2022, following an awards review, the Society launched a new award portfolio that reflects the breadth of work in the meteorological community, as well as maintaining a link to the Society's history.

The Society recognises and rewards excellence in people and teams who have made outstanding and exceptional contributions to meteorology and related disciplines, as well as recognising innovation in the use of observations and instrumentation and in the use of models, computational tools and visualisation. The award portfolio is split into 4 sections based on the activities of the Society and its members: "Advancing Science", "Educating, Inspiring and Enthusing", "Impact on Science, Policy and Society", and "Contribution or Service to the Society or Profession".

The Society's Award winners for 2024 are shown in the table below:

Awards for Advancing Science	
Award	Recipient
The Symons Gold Medal	James Murphy
The Buchan Award for Scientific Advances	Not awarded for 2024
The Hugh Robert Mill Award for Precipitation Research	Tim Hewson and Fatima Maria Pilllosu
The Adrian Gill Award for Advances at the Interface of Atmospheric Science and Related Disciplines	Awarded separately to: Professor Adrian Matthews; and Professor Manoj Joshi
The L F Richardson Award and Lecture for Early-Career Researchers	Dr Eunice Lo
The Malcolm Walker Award for New Environmental Researchers	Ned Williams
Awards for Educating, Inspiring and Enthusing	
Award	Recipient
The Climate Science and Climate Science Communication Award	Professor Piers Foster
The Michael Hunt Award for Increasing Public Understanding of Meteorology and its Applications	Awarded separately to: John S Powell; and Dr Emily Wallace CMet, Oli Claydon, Dr Jenny Pirret, Alice Dring, Ali Richards, Helen Roberts CMet, Professor Paul Davies CMet
The Education Award	Ben Cuddon, Climate Ed Pioneer
The Emerging Communicator Award	Regan Mudhar
The Gordon Manley Weather Award	Awarded Separately to: Dr Edward Graham; and Martin Young and Nick Grahame
Awards for Impact on Science, Policy or Society	
Award	Recipient
The FitzRoy Award for Professional Meteorology	Professor Paul Davies CMet

The Award for Impact	Bristol Climate Change & Health Group led by Professor Dann Mitchell and Dr Eunice Lo
The Award for Innovation in Development of Observations or Instrumentation	Not awarded for 2024
The Award for Innovation in Development of Computational Models, Tools or Visualisation	AskWMO project led by Dr Saeid Vaghefi and Brigitte Perrin
Awards for Contribution or Service to the Society or Profession	
Award	Recipient
Honorary Fellowship	Not awarded for 2024
The Award for Outstanding Contribution to The Society or Profession	Awarded Separately to: Dr Penelope Maher and Dr Freya Garry; and Richard Tabony
The Society Volunteer of the Year Award	Kanzis Mattu
The Meteorological Applications Editors' Award	Leila Carvalho
The International Journal of Climatology Editors' Award	Vincent Moron
The Quarterly Journal Editors' Award	Silvio Davolio
The Geoscience Data Journal Editors' Award	Dr Linden Ashcroft
The Atmospheric Science Letters Editors' Award	Not awarded for 2024
The Climate Resilience and Sustainability Editors' Award	Chris Huntingford

The Society also presents awards at the annual ECR and Student Conference and in 2024 these were awarded to:

Oral Winners

Toby Jones, Lucy Seabourne, George Jordan, Elena Fillola, Charles Powell, Owain Harris, and Henry Wells.

Poster Winners

Bryony Hobden, Charles Turrell, Stephen Hughes, Ruth Dunn, and Ashar Aslam.

Annex D: SCIENTIFIC PUBLISHING

Scientific publishing is one of the Society's strengths and aims to deliver a high-quality journal and book programme to support scientific knowledge management and promotion of the science.

Our journal programme is overseen, on behalf of Council, by the Scientific Publishing Board and the Editorial Boards for each journal in the portfolio. The dedication and hard work of our Editors-in-Chief, Editorial Boards and all those who support the peer review process, not only support our journals but the meteorological community as a whole, as any income generated from scientific publishing makes up a significant portion of the Society's total revenue allowing the Society to deliver many other important programmes of work.

After a couple of challenging years marked by declining submissions, it is encouraging to see a positive upturn across all journals in our portfolio. While our journals continue to face competition from new launches and emerging publishers, we are dedicated to ensuring our authors understand the broader impact of their submissions. By contributing to our journals, authors are not only advancing the field of meteorology but also supporting the Society's charitable activities, which enable us to further our mission within the meteorological community.

Peer Review: The increasing competition for submissions has heightened the pressure on the peer review system, making it more difficult for many of our journals to secure reviewers. As a result, peer review times have been impacted, and it has become harder to attract individuals to join Editorial Boards or guest-edit Special Issues.

To address this challenge, the Society is implementing a number of initiatives to support our Editors-in-Chief and Editorial Boards. Our primary focus is to engage more early career researchers (ECRs) in editorial activities, including the peer review process. This initiative not only aims to strengthen our overall publication program but is also driven by feedback from our surveys of ECRs, in which 90% expressed interest in participating but cited a lack of confidence, and 95% indicated they would value training.

To support this, we are developing a comprehensive peer review program, guided by a committee of experienced academics and industry professionals, as well as PhD students and Postdocs. This program will include peer review resources hosted on the RMetS website and an annual training webinar. Additionally, we are introducing co-reviewing across all our journals, allowing two reviewers to collaborate on a report, with both receiving recognition through the Web of Science. This collaborative approach offers ECRs the opportunity to gain hands-on experience alongside an expert reviewer, helping them build confidence and gain valuable insights. Moreover, combining the perspectives of seasoned reviewers with fresh viewpoints may lead to more balanced and thorough reviews.

Net Zero Publishing Strategy: We are pleased to announce a formal partnership with Wiley to develop a joint Net Zero strategy aimed at reducing our carbon footprint and promoting sustainable practices within both our organisations and the broader publishing and research communities.

Together, we are creating a comprehensive Net Zero strategy for the RMetS publishing portfolio, drawing on our collective expertise and resources. This has involved sharing relevant data and conducting joint analyses to identify key areas for carbon reduction and sustainability improvements.

A detailed implementation plan has been developed, outlining specific actions, timelines, and responsibilities to achieve Net Zero emissions including regular monitoring and reporting mechanisms to track progress and ensure transparency.

Key stakeholders in this initiative include Journal Editors, Council members, and Wiley's senior management. The Society is privileged to be the first to collaborate with Wiley at this level, and the insights and processes we develop will be shared with other societies in the future, contributing to the greater good.

Society's Journal Portfolio: The Society is extremely grateful to all the Editors and Editorial Boards for the support and work they put into the journals whilst managing their own personal and work commitments. The Society would particularly like to thank John Methven and Andrew Ross whose terms ended as Editors of the Quarterly Journal; Eddy Graham whose term ended as Editor of Weather; and Kate Royse and Jian Peng whose terms ended as Editors of Geoscience Data Journal.

All the Society's journals are freely available online to its members at www.rmets.org/publications/journals.

Highlights from the RMets Journals in 2024:

Climate Resilience and Sustainability (CRS) is an interdisciplinary open access journal which publishes recent transdisciplinary research on the approaches, methods, and tools that enhance the resilience of human societies, economies, or natural systems to climate change, in the context of aiming to achieve the broader UN Sustainable Development Goals. CRS submissions have grown since Rachel Warren and Kristie Ebi took over as Co-Editors-in-Chief in 2023. We are delighted that the journal is now listed in Scopus.

In 2024, 95 papers were submitted to the journal and 14 published, compared with 59 submitted and 17 published in 2023. The Editors noted a large number of out-of-scope submissions and responded by adding a compulsory requirement for authors to include a cover letter justifying the match between their submission and the journal's scope, as well as revising the text of the scope to address potential misunderstandings by non-experts or people for whom English is a second or third language. We should see a knock-on effect of the increased submissions in the 2025 published article data. The new Editors have also refreshed and expanded the editorial board.

Geoscience Data Journal (GDJ) demonstrated good performance in 2024, with a significant increase in submissions from 58 to 83, indicating growing interest in the journal's scope. The number of published articles remained steady, increasing slightly from 48 to 49, reflecting the journal's high quality standards.

GDJ's impact factor also remained stable (3.3) in 2023 compared to 3.488 in 2022, showing its consistent quality within the geoscience community. GDJ successfully attracted many special issues, covering timely topics in geospatial data, statistical analysis, and advanced applications in AI and environmental sciences, which contributes to the large increase of new submissions. Many of these special issues roll into 2025, which means we can be optimistic about increased published article figures that year.

International Journal of Climatology (IJOC) is the largest of the Society's journals and has four Senior Editors which supported the triaging of 910 submissions in 2024, which represents an increase of 10% with respect to 2023 and returns the number of submissions to the pre-pandemic level. The total acceptance ratio was 41%, compared to 44% in 2023 and 49% in 2022. This comes as a consequence of the redefinition of the Aims and Scope and more coordinated policies within the Senior Editor team and the Associated Editors. It is worth mentioning that nearly 2/3rds of the rejections happen during the screening process by the Senior Editors, filtering out-of-scope articles, submissions with plagiarism issues and articles that do not represent a significant contribution to climate science.

Regarding geographical origin, China continues to be the most important contributor, with 31.6% of the submitted papers, although there is a slow decline in recent years (33% in 2023, 40% in 2022). The second most important contributor is India, with 16%.

IJOC remains a truly international journal, with manuscripts submitted from more than 20 countries. The median days to first decision dropped to 69 (73 in 2022, still higher than the best figure in 2021, with 60) and significantly improved to 169 regarding final decision (178 in 2023). The number of open access articles continues to grow, with a large proportion of them funded via Transformational Agreements.

In 2024, the Senior Editors started highlighting the "Editor's choice article", a selection of significant contributions to climate science, published in our journal. The journal published the 2023 UK State of the Climate and two virtual collections, with regional focus: The Tibetan Plateau and The Climate of the

African Continent. In addition, a new collection on Cities and Climate Change has been curated through 2024 and will appear in early 2025.

In this year the journal also engaged an International Advisory Board to support the Senior Editors and Associate Editors - acting as ambassadors for the journal and providing valuable input into the direction of content and strategy for journal development.

Meteorological Applications (MetApps) aims to serve the needs of forecasters, applied meteorologists, climate scientists and users of meteorological services, as well as early career scientists and both graduate and undergraduate students. Publishing both research and review papers on all aspects of meteorological science, including both weather and climate processes.

We are pleased to report a large increase in submissions up from 125 in 2023 to 168 manuscripts in 2024. In recent years we appeared to have reached a stable number at 145 submissions in 2021 and 143 in 2022. We think that this year the increase could be due to a large number of calls for papers for Special Issues. It could also be that we have developed very strong relationships with the Editors-in-Chief of other journals in the RMetS portfolio who pass us manuscripts that are a better fit for Met Apps aims and scope.

We closed and completed the Special Issue "*Applications of reanalyses in climate services*" <https://rmets.onlinelibrary.wiley.com/doi/10.1002/met.70026> which has been published in early January 2025. A number of Special Issues are still open:

- *Interactions between air pollution and weather/climate from urban to global scales;*
- *Land-Atmosphere Interactions Influencing Weather and Climate;*
- *Recent advancements in forecast verification;*
- *For a Future Informed by Science at the Climate-Ecology Interface;*
- *Boosting Climate Resilience Across Sectors;* and
- *Every Drop Matters: Resolving New Challenges in Flood and Drought Analyses and Forecasting.*

We have created an Early Career Researcher (ECR) Board with 9 members to sit alongside the Editorial Board. The ECR Board is independent of the normal Editorial Board but is guided by the Co-Editors-in-Chief and RMetS Head of Publishing. The Wiley team is also supporting the ECR Board. So far, the team has brought tremendous enthusiasm and suggested some excellent new initiatives which have been approved and they will be taking forward in 2025. The list of current MetApps members for both Boards can be seen here: <https://rmets.onlinelibrary.wiley.com/hub/journal/14698080/editorial-board/editorial-board>.

The journal celebrated its 30th anniversary during 2024 with a presentation from one of the current Co-Editors-in-Chief and the founding Editor at the Society's May meeting on HMS Belfast. The Editors-in-Chief are grateful to the Associate Editors, Wiley publishing team, Society staff and countless reviewers for the journal who maintain high standards and help the journal improve its practices and output. The journal's continued success is due to their integrity, hard work and dedication.

Atmospheric Science Letters (ASL) saw an increase in submissions from 112 in 2023 to 124 in 2024 although the number of published papers remained the same, with the 2024 increase in submissions likely to be reflected in 2025 as published articles. As in previous years, China remains the main submitting country, followed by UK and USA. The Co-Editors-in-Chief have successfully implemented double blind peer review on ASL and have seen peer review times have decreased slightly. It is too early to say whether this reduced time is as a result of the new peer review model. They have also expanded the article types the journal will consider to include 'Perspectives' and are currently working to expand the Editorial Board geographically, with a special focus around encouraging early career

researchers to get involved with the journal. There was one special issue open in 2024: *Air Pollution at the Indoor-Outdoor Interface for Built Environments*.

Quarterly Journal of the Royal Meteorological Society (QJ) aims to communicate and document the results of new research in the atmospheric sciences and associated fields. The Quarterly Journal is acknowledged as one of the world's leading meteorological publications. Contributions may take the form of research articles or comprehensive review articles. The journal is published eight times a year with additional special issues.

Submission numbers to the journal remain steady (385) with an increase in final publications of 276 articles compared to the previous year, primarily for the hybrid open access option. This results in an acceptance rate of 72%. The full text views of the articles increased by more than 15% compared to the year before. QJ's Impact Factor has always been strongly influenced by a few extremely highly-cited key publications (like a new reanalysis data set) and thus varies largely between years. The current Impact Factor is 3.0 which is consistent with our long-running high quality comparator journals like *Monthly Weather Review* and *Journal of Atmospheric Science*. The median review time of 128 days improved from 147 days in the previous year which is an important positive trend.

Weather is a journal that publishes articles written for a broad audience, including those having a professional and a general interest in the weather, as well as those working in related fields such as climate science, oceanography, hydrometeorology, and other related atmospheric and environmental sciences.

Building upon recent successes for the journal, 2024 saw *Weather's* Impact Factor increase from 1.9 in 2023 to 2.3, continuing the upward trend that began in 2020. Article turnaround times were slightly longer than in previous years, though review turnaround times were marginally lower. Submissions continued to be predominantly from the UK, with other notable contributions from Asia, particularly China and India.

The long running "Global and Regional Climate" and "Scottish Snow Patches" series continued for their 28th year. Three Spotlight articles – short articles introduced in 2020 to bring timely high-level summaries of important recent weather events – were published, along with one Insight article (the first since 2021).

Two Special Issues were published: the annual "Early Career and Student Conference" Special Issue in June, and a very well-received "Storm Ciarán" Special Issue in November.

Weather welcomed Regan Mudhar as Co-Editor-in-Chief in July 2024, succeeding Eddy Graham, who had dedicated over five years to the journal. New Editorial Board members were also recruited, including four new Associate Editors and a new Book Reviews Editor, bringing a range of expertise.

WIREs Climate Change is an invited review journal published by Wiley and affiliated with the Royal Meteorological Society and the Royal Geographical Society (with the Institute of British Geographers). Maria Carmen Lemos and Dan Friess joined as Co-Editors-in-Chief, supported by a team of 12 Domain Editors. The journal received a 2024 Impact Factor of 9.4 and over 1 million full text views in 2024. *WIREs Climate Change* is ranked 3rd in the Meteorology and Atmospheric Sciences JCR category, and 10th in the Environmental Sciences category. The journal published 50 invited review articles in 2024, including a very highly downloaded review entitled 'Fossil fuel industry influence in higher education: A review and a research agenda'. The Co-Editors-in-Chief are currently working on re-focusing some of the Domains (topics) and on recruiting 3 new Domain Editors.

Submissions and Decisions (All Journals Combined)

Submissions and Decisions/Year	2017	2018	2019	2020	2021	2022	2023	2024
Number of Submissions	1795	1841	1903	1996	1961	1754	1712	1980
Number Reaching Final	1709	1716	1847	1923	1961	1712	1609	1860
Number Accepted	853	844	944	1022	1045	906	834	958
Average Journal Rejection Rate (%)	48	46	50	51	53	52	49	51

Impact Factors

Journal/Year	2018	2019	2020	2021	2022	2023	2024
Quarterly Journal	2.978	3.198	3.471	3.739	7.237	8.9	3.0
Intl. Journal of Climatology	3.1	3.601	3.928	4.069	3.651	3.9	3.5
Meteorological Applications	2.391	1.711	1.685	2.119	2.451	2.7	2.7
Atmospheric Science Letters	1.198	1.796	1.879	2.416	2.992	3.0	2.2
Geoscience Data Journal	1.867	2.667	2.714	1.778	3.488	3.2	3.3
Weather	0.812	1.143	0.943	1.596	2.239	1.9	2.3
WIRES	5.124	7.057	6.099	7.385	10.072	9.2	9.4

Academic Book Programme:

There were a few delays with the academic books in 2024 which pushed publication into 2025. Consequently, we have a healthy pipeline for 2025 and 2026.

Annex E: SOCIETAL BENEFITS

Science Engagement Committee

The Science Engagement Committee (SEC) is responsible for developing and overseeing the delivery of the Society's strategy relating to communication and engagement with all audiences, whether that is the general public, government or other key stakeholders representing the interests of the meteorological profession. Chaired by Peter Stott and Michelle Cain in 2024, the committee helps the Society engage in important conversations within weather and climate, whilst providing evidence-based information through statements, briefing papers, events, training, and informal education activities. Peter Stott stepped down as co-Chair of the SEC in 2024 after many years of support and dedication. Hayley Fowler has taken up the role of co-Chair.

We recruited for a new Science Engagement Officer role in the Society in 2024. Beth Woodhams joined the Society in May 2024, increasing our capacity to deliver on our science engagement activities.

A continued focus for science engagement activities in 2024 was building on the success of previous years and further enhancing the Society's engagement with the insurance and energy sectors. To enable this area of work, the Society continued to award two 1-year Science Engagement Fellowships to Matthew Priestley and Ben Hutchins. Activities for each program of work included:

Insurance:

- Hosting an in-person workshop, 'Navigating Climate Challenges in Insurance' in January, which engaged over 50 selected experts and kicked off the Society's Weather and Climate Data Programme for insurance, sponsored by WTW and Brit Insurance.
- Publishing three deliverables from an event in September: a summary report, a briefing paper on using climate model data in insurance, and a briefing paper on pathways to successful academia/industry collaboration.

- Working with the UK Centre for Greening Finance and Investment to co-host a Leeds-based event in March, 'Collaborating for Impact: Bridging the gap between climate science and insurance industry practice', which attracted over 80 attendees.
- Hosting a virtual webinar to over 110 attendees, 'Weather and Climate Hazards: Emerging and Compound Risks'.

Energy:

- Leading a workshop at the RMetS Annual Weather and Climate Conference on 'Rethinking Extreme Weather for Energy Systems of the Future'.
- Launching the first 'State of the Climate for the UK Energy Sector 2023-24 Report' in September at the 'Forecasting for Energy Resilience' event and publishing the full report and executive summary in October.
- Hosting the 'Seasonal Forecast Outlook for the Energy Sector' webinar for the third time in November, attracting over 95 attendees.
- Publishing various blog pieces, including one in *The Conversation*.

The SEC also focused on the development and delivery of activities within the Society's Climate Strategy through 2024. This included:

- Delivering **climate change communication training** to the Public Relations and Communications Association (PRCA), National Museum Wales and the British Red Cross. Additionally, the Society continued to provide ongoing support to ITV and delivered a half-day update session in July. RMetS also won the EMS Outreach & Communication Award for the 'Enabling community leaders to communicate about climate change' project delivered in 2022-23.
- Supporting the **4th National Climate Impacts Meeting** in Newcastle, which attracted over 90 attendees and facilitated exchange between the academic community, industry practitioners, policymakers and organisations involved in informing climate adaptation and net zero planning.
- Creating a '**Careers for Climate**' booklet with the RMetS Youth and Early Career SIG.
- Working with Cambridge Zero to create three **adaptation case studies** for use across Society activities.
- Attending **COP29** in Azerbaijan as an observer organisation in November. Across the two weeks the Society sent one member of staff to participate in the formal meetings, input into the process through the constituencies, and produce written round-ups for MetMatters.

Other informal education activities to note outside of the Science Engagement Fellowships and Climate Strategy included:

- Working with the **RMetS Youth and Early Career SIG** to host two webinars:
 - 'RMetS Accreditation – is it for me?'
 - 'Is a PhD for me?'

The SIG also created member-only training videos on communicating with/via traditional media and new media.

- Sitting on the Grantham Institute's '**Communicating 1.5C**' project steering group and engaging RMetS members in focus groups and review rounds.
- Delivering a talk at '**New Scientist Instant Expert**: The Mathematics that explains our work' and hosting a stall at the **Royal Institution's 'For Your Inspiration**: Exploring Extreme Environments' event.
- Running the 9th RMetS Standard Chartered **Weather Photographer of the Year** competition, which attracted 4,500 entries from 83 countries. The competition reached nearly 40 million people around the world on social media, a 212% increase on 2023. This was achieved through careful monitoring of paid social performance. The competition also produced more than 1,000 pieces of global media coverage, a 100% increase on 2023. This was achieved through a more strategic approach to media outreach which significantly increased coverage throughout Asia.

Education Committee

At the heart of our charitable objectives and the Society's values is the need to be an advocate for and provider of formal weather and climate education. Teachers and their learners have been our main beneficiaries for many decades, and this remains true today. We operate independently with a professional approach that encourages the study, enjoyment, and personal progression in everything related to weather and climate. Whilst we focus on those learners within schools, we do ensure we are available and open to all.

Our vision and purpose remains a strong one: "We believe that every student should leave school with the basic weather literacy to understand the impact of weather on their personal life, leisure activities and employment; and that every student should leave school with the basic climate literacy that would enable them to engage with the messages put forward by the media or politicians, or to make informed decisions about their own opportunities and responsibilities."

We had a very successful recruitment round for a new Education Officer role in the Society in 2024. Eleanor Pinches joined the Society's formal education team in May 2024, increasing our capacity to deliver effective weather and climate support for education across the UK. We are delighted that the growth of the education team has allowed us to ramp up the delivery of weather and climate subject knowledge days, from reaching 133 geography PGCE students at 9 universities in the 2023/ 2024 academic year to 263 students at 21 universities in 2024/ 2025.

We reprinted our very popular and award-winning guide to teaching weather and climate for 11-14+ year olds, '[Weather and Climate: A Teachers' Guide](#)'. This is given to trainee and established geography teachers, free of charge, and links to online classroom materials. In association with this we updated the teacher support materials 'more for teachers' <https://www.metlink.org/blog/weather-blog/weather-and-climate-updated-teachers-cpd/>

In terms of policy engagement, at a time when the curriculum is being reviewed in all Nations of the UK, and there is a widespread acknowledgement that the quality and breadth of climate education within the curriculum needs to be significantly improved, the Society published an evidence-based position statement to underpin its responses and to share with partners and members who are also engaging in this area: <https://www.metlink.org/curriculum/curriculum-review/>. Underpinning the position statement is the aspiration that all students should leave school with some climate literacy, irrespective of their subject and qualification choices.

Prior to this, we led the National Climate Education Action Plan's (NCEAP) synthesis of existing studies exploring the potential place of climate and sustainability education in the English curriculum <https://www.metlink.org/curriculum/climate-and-sustainability-in-the-curriculum-new-report/>.

In addition to this the Society contributed thought leadership pieces about the role of the potential new Natural History GCSE to deliver climate education <https://www.metlink.org/blog/article/climate-change-and-the-natural-history-gcse/>, and the potential for improving the climate education delivered in design education specifications <https://www.metlink.org/curriculum/a-new-climate-for-design-education/>.

On the theme of curriculum, in 2024, we worked with the examination boards in England and other subject associations to improve the quality and quantity of weather and climate education in UK schools.

Specifically, we have been analysing past exam questions (GCSE and A level science and geography) from the 5 English exam boards and exploring how misconceptions have occurred in the questions and mark schemes, how to avoid these misconceptions propagating into teaching, and how to avoid such issues in future assessments.

We have expanded our previous work looking for places in current curricula for teachers, through the choice of stimulus materials, case studies and contexts, to demonstrate to their students the relevance of what they are already learning to their climate literacy, through analysis of selected Cambridge International IGCSE specifications and the Cambridge Early Years – 14 curricula.

Various organisations, including the exam boards, continue to make use of the original report which looked for such opportunities within current GCSE specifications. For example, the AQA published 7 subject guides based on our work: <https://www.metlink.org/blog/climate-change/climate-change-in-aqa-gcses/>. We are also working with the OCR as they redevelop their GCSE geography B specification, commenting on initial drafts of the specification, quality controlling the associated scheme of work and textbook, and developing sample teaching resources to support the new specification.

The Society remains best positioned to be one of the UK's leading authorities on climate literacy – answering the “what, how and when” to deliver climate education. Our climate literacy survey of school leavers, originally developed in 2022, was funded by the Department for Education (DfE) in England in 2024 allowing the number of questions included to be expanded from 5 to 55 and the number of young people questioned to be increased. The final report was published by the DfE in December 2024 <https://www.metlink.org/blog/climate-change/dfe-climate-literacy-survey-2024/>. In addition, the Society collected data in Wales and Scotland (unpublished). An opinion piece was published in the Teaching Times.

The Society's staff and volunteers of the Education Committee continue to give their time and experience to help oversee the educational remit. The Committee formally met twice in 2024, once fully virtual and once in a hybrid mode at the Society Headquarters, allowing members to come together in person if they wished. The Committee undertakes the routine business of reviewing our formal education strategies, priorities, activities, and risks.

We are in the process of strengthening our educational governance reach, by setting up meteorological education forums in Wales, Scotland and Northern Ireland to support the Society's engagement with weather and climate education in these nations. The Education Committee is anticipating significant benefits, as we hope to pull through the latest and best understanding of the educational needs of all nations in the UK. This will enhance our policy development capabilities, and ensure our resources are fit for purpose everywhere.

Many partners assist the Committee, including the Geographical Association, the Institute of Physics, the Met Office and the Royal Geographical Society. The Society would like to thank everyone for their continued generous support, significant efforts, and loyal dedication. Not only are there tangible benefits of being a member of the Society, but many join because they recognise the important work that we deliver through our educational and charitable work, often benefiting those with limited means.

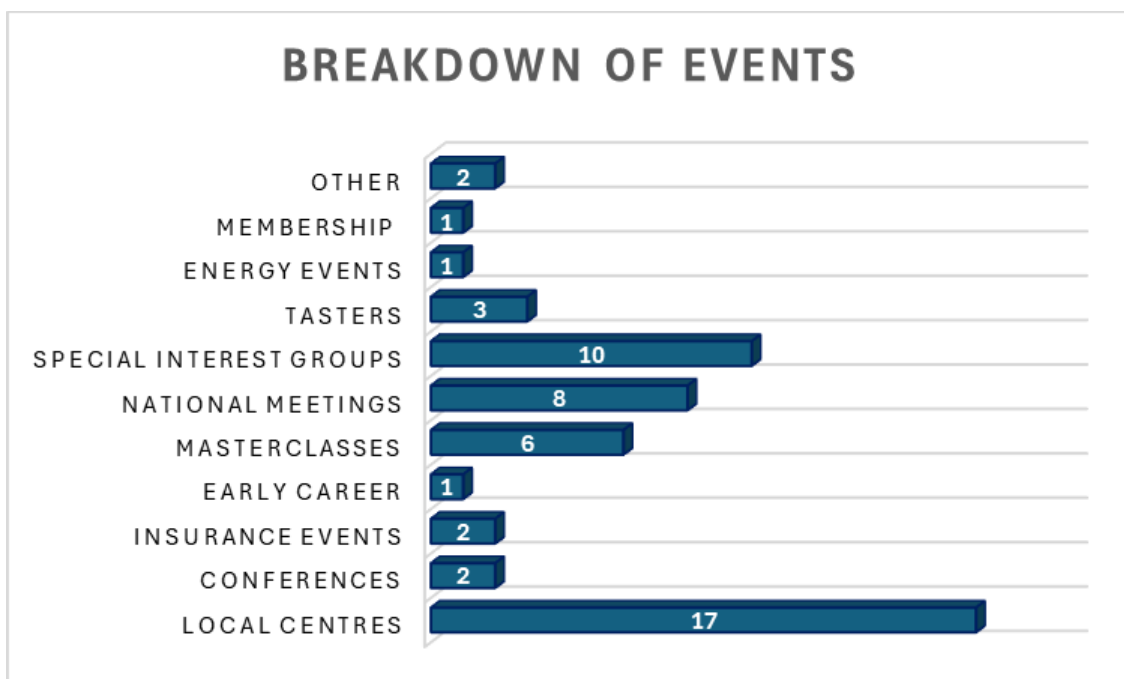
Highlights from 2024 include:

- Our free, online course for teachers (and all others with an interest in the weather and climate), **Come Rain or Shine**, was updated and expanded from a 3- to 5-week course in 2024 <https://www.metlink.org/blog/teaching/free-online-weather-and-climate-cpd/>
- In collaboration with the Ministry of Eco Education, we recorded two **podcasts for teachers**, exploring widespread misconceptions about climate science and how to assess the quality of a teaching resource:
 - <https://www.metlink.org/blog/teaching/quality-control-of-climate-education-resources/>
 - <https://youtu.be/r-ABldrMuBo?feature=shared>
 - <https://www.youtube.com/watch?v=FVXWlu2OfOw>
- Sylvia Knight, RMetS Head of Education delivered talks about Climate Change and Sustainability Education to the **Westminster Education Forum**, the **Science Education Policy Alliance (SEPA)**, **UCL's** event exploring The Role of Subjects and Subject Associations in Climate Change and Sustainability Education, and the **Education Policy Institute** and Learning Through Landscapes' Roundtable: Climate, the outdoors and the curriculum.
- We launched a **curriculum planning tool**, which is also appropriate for wider climate communications www.metlink.org/resource/climate-change-concept-association-tool

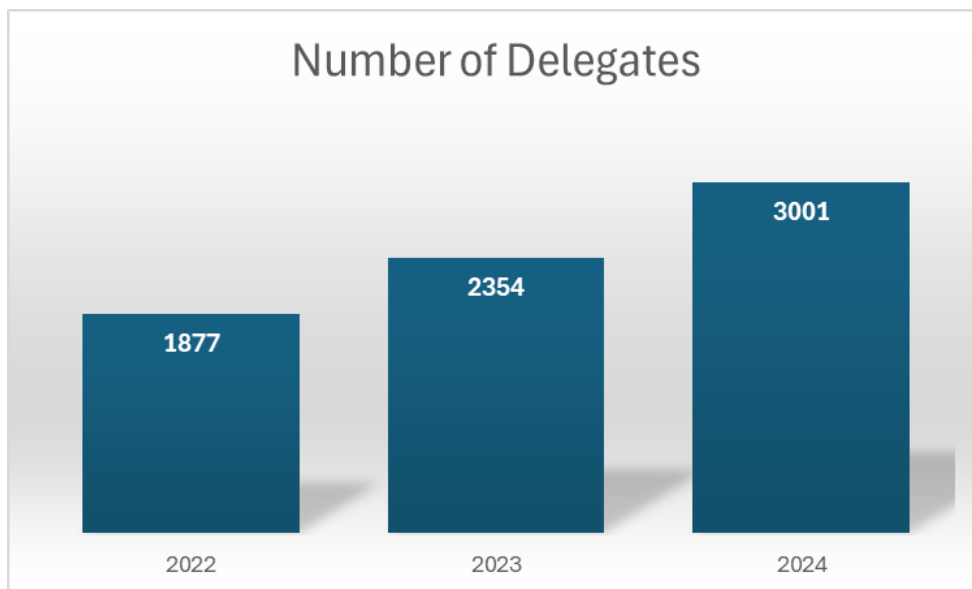
- We have worked with the NCEAP to develop a **framework for assessing the quality of a teaching resource** (<https://www.metlink.org/blog/teaching/quality-control-framework/>)
 - Substantial pieces of work have been completed with Twinkl, Engineering UK, SOS-UK (Teach the Teacher), the National Education Nature Parks, and the Sustainability Support for Education Resource Hub. We maintain a list of resources which meet the criteria <https://www.metlink.org/blog/teaching/climate-change-quality-controlled-resources/>.
- We designed and delivered a **climate competition** for Maths Week Scotland 2024 <https://www.metlink.org/blog/maths/climate-calculations-challenge/>.
- In support of the Society's strategic aim to promote **careers in meteorology** we contributed to the Protecting our Planet (POP) 2025 careers panel event in Green Careers week, November 2024, Exhibited at Royal Institution 'Earth Extremes' event, November 2024, and published a Careers for Climate booklet <https://www.metlink.org/wp-content/uploads/2024/07/Careers-for-Climate-Booklet-2024.pdf>.
- Our **loan scheme of weather instrument kits** to primary, secondary and further education remains very active with kits being loaned to schools free of charge for a term-long period.

Events Committee

The Events Committee and Events team delivered an extensive programme of 53 events comprising of National Meetings, Masterclasses, Conferences, and lectures throughout 2024; see the breakdown of events below. Of these - 25 were virtual, 19 in person and 9 were streamed whilst in front of an audience. The variation of events is ever-increasing with the new addition of 3 member-first events. These events gave our members the opportunity to register as a priority before non-member delegates.



It is pleasing to see that over the last three years there has been a significant increase in number of attendees at the RMetS events; see the total number of delegates attending our events in recent years below.



The fact that we can continue to deliver this high volume of events is down to the continued success and voluntary contributions of organisers, committees, speakers, and members of the Events Committee, together with the tremendous efforts made by Society staff.

The team are continuing to strive forwards in our efforts to run sustainable events. This year we introduced bamboo badges, replacing the older plastic badges. These badges are made in the UK, reusable, and the inserts are recyclable. The badges have been an enormous success with our event delegation with comments not only about their appearance but their environmental impact as well. The Society has been collecting travel data from delegates attending in-person events. The team continues to make minor changes where possible at each event.

The events team have continued to make progress with their net zero, sustainability and EDI commitments and are looking for more accessible and eco venues to work with in the future. The team are collecting travel data for all in-person events including the Local Centres and Special Interest Groups and we would like to thank our volunteers for their support in gathering the data.

National Meetings

The 2024 National Meetings programme continued to host a variety of events to cater for all aspects of the meteorological community. We took the decision to host our National Meetings as either in person or virtual events as we felt that offering the option to live stream an event often resulted in fewer in person delegates, which impacted the overall delegate and speaker experience. We have tried to record meetings where possible and share the content to members post-event to continue to support accessibility and inclusivity.

March	<u>Applying Machine Learning to Operational Meteorology</u>
May	<u>Climate Change Impacts on the Arctic, Antarctic and High Mountain Glaciers</u>
May	<u>The Royal Meteorological Society's National Meeting and AGM 2024</u>
September	<u>Forecasting for Energy Resilience</u>
October	<u>Understanding the Weather and Climate Context of 2023</u>
November	<u>Weather and Sailing 2024</u>
December	<u>The History of Climate Modelling</u>

The 2024 AGM was held on the HMS Belfast in London. The event celebrated the 30th anniversary of *Meteorological Applications* and the CMet accreditation scheme along with the 10th anniversary of the RMet scheme and ACCSYS. The meeting was well attended with 92 members, speakers and Society staff.

The traditional 'Understanding the Weather of' event, which was previously held annually in February, was moved later in the year to coincide with the release of the State of the UK Climate report. The event was held virtually and proved to be very popular with 139 registered delegates.

Conferences and Other Events

After consolidating opinions from a series of member focus groups in 2023, the events team developed a vision for what it saw as the aims and ambitions for the new RMetS Annual Conference in 2024. After receiving approval from a variety of stakeholders, this vision was brought to life at the inaugural RMetS Annual Weather and Climate Conference, held at the University of Reading from 8-10 July.

To enhance the attendee experience, the Society launched a new, user-friendly conference microsite. This platform allowed delegates to easily access the event programme, speaker information, registration links, and real-time updates, helping to reduce the need for printed materials. The feedback has been overwhelmingly positive, and the site played a key role in improving event sustainability.

The conference format was revamped to include several key improvements: medal-winning RMetS Award recipients were invited to present their research, poster sessions were extended, and networking opportunities were increased with longer lunch breaks and refreshment pauses. Each oral session also featured a presentation from an early career or student researcher, and one keynote address was delivered by an early career presenter.

With more than 184 attendees, the conference became a truly multidisciplinary event. It included 56 speakers across 10 oral sessions, 9 interactive workshops, 59 posters, and 5 keynotes, including notable speakers like Penny Endersby, Chief Executive of the Met Office, and Tamsin Edwards, Professor of Climate Change at King's College London. The conference also featured the Mason Gold Medal Lecture by Brian Golding, Senior Fellow in Weather Impacts at the Met Office. Going forward, the conference aims to become the home of RMetS' prestigious award-winning lectures.

The Early Career and Student Conference returned to the Met Office on the 1-3 July, for the first time since 2017. The event attracted 125 delegates, which was a 6% increase from 2023. There were 33 oral presentations and 64 posters were presented across the 3-day event. For the first time since Covid, the conference returned to a face-to-face meeting only. The streamed element has been declining over the past couple of years and in 2023, we only had 3 people online, resulting in a poor conference experience for those listening remotely. The decision was not taken lightly but from the delegate uptake, we can see that this has not hindered the conferences potential.

A big thank you needs to be extended to the both the Student Organising Committee and Annual Weather and Climate Committees who have delivered outstanding events this year.

On 29 January, the Insurance SIG ran an event sponsored by Brit Insurance and WTW in London on 'Navigating Climate Challenges in Insurance' and brought together experts from industry and academia to discuss insurance sector challenges. All reports can be downloaded from the website: <https://www.rmets.org/navigating-climate-challenges-insurance>

Two series of Masterclasses took place in April and October 2024 in collaboration with the University of Reading. The spring series saw Prof Ed Hawkins present on 'The record-breaking temperatures of 2023' which attracted over 180 people to watch virtually. Now in its fifth year of running, the Masterclasses are held to provide support for professionals working in weather and climate, and its operational applications who wish to remain up to date on recent scientific developments in the field. These CPD events are free to attend for both members and non-members, but recordings of the sessions are available as a member-only benefit.

The Symons Gold Medal Lecture was presented by Michael Edgeworth-McIntyre in May 2024. Michael very kindly pre-recorded his award-winning lecture to enable us to present his work to the 175 who registered to attend. Since this time, the lecture has received almost 430 views on our YouTube channel.

The North East Local Centre hosted the [Gordon Manley Memorial Lecture](#) at Durham University in November. The Lecture was presented by Hayley Fowler on 'Rapidly Intensifying Extreme Weather Events in a Warming World: Implications for Science, Practice and Policy'. The event was well attended with over 40 delegates in the room.

Local Centres and Special Interest Groups

The Local Centres and Special Interest Groups (SIGs) continue to play an important role in supporting the Society's events programme. They provide a variety of opportunities for members and non-members to engage with us across a range of talks and events. The Local Centres held 17 events and the SIGs held 6 events in 2024.

Reports from Local Centres

The Society's Local Centres offer an extensive programme of events and meetings which are of great interest to Society members and the general public. The meeting details, speakers and dates are available at rmets.org/events. The Society and its Local Centres gratefully thank all their speakers, who have provided an interesting and varied programme, and to all the regular and enthusiastic audiences for their support.

Activities of the Society's Local Centres during 2024 are detailed below:

East Anglia Centre

Committee Members: James Lester (Co-Chair and Secretary), Bernadette McCaffrey (Co-Chair and Treasurer)

In August 2024, the East Anglia Local Centre was revived and hosted a total of 3 meetings in the last quarter of 2024, including:

- 7 October 2024 – [A when, where, why and how of storm chasing. What makes the Great Plains so unique?](#) (in person only)
 - Speaker: Chris Bell
 - Number of attendees: 28 (including committee members and speaker)
 - Large attendance from meteorology students at UEA which was great to see along with some attendees from the public and WeatherQuest. This was a fantastic turnout given the short turnaround time from getting this live on the RMetsS site and the date of the talk.
- 4 November 2024 – [Interested in Weather and Climate? A pathway into Operational Meteorology](#) (in person and online)
 - Speakers: Bernadette McCaffrey and James Lester
 - Number of Attendees: 12 in person (including speakers) & around 35 online (that were registered).
 - Lower attendance in person but good to see some meteorology students from UEA just showed up, and a strong attendance online. We had some teething issues with Zoom at first but it was good to see the attendance didn't completely disappear in person.
 - From what messages we received after it seems there was some attendance of university students outside of the Anglia region online – which was amazing to see!
- 2 December 2024 – [Interpreting Data to Hunt the Aurora](#) (in person and online)
 - Speaker: James Rowley Hill
 - Number of Attendees: 18 in person (including committee members and speaker) and I believe a good attendance online (but not sure of the exact number).
 - A great talk and heavy interest from students, members of the public and WeatherQuest staff due to strong aurora events taking place within 2024 – one occurring just a few weeks prior to the talk.
 - With this being the last event of the calendar year, we got some nibbles for the meeting which may have encouraged some more in person attendance.

Other Activities

- Weather Photo Competition 2024
 - We ran this competition between the November and December talks with the aim to get more people to interact with the Centre.
 - We had 5 submissions in total, which was a little disappointing, but all attended an in-person event where the winners were announced.

A fantastic end to 2024 with the East Anglia Local Centre being revived and managing to organise and get three talks in before the end of the year. Looking forward to 2025 we already have two talks scheduled and looking to schedule up to 4 more. The committee are extremely impressed with the support so far and hope this continues into 2025!

East Midlands Centre

Committee Members: Michael Steven (Chair), Roger Phillips (Editor: Weather Front), Alan Jones, Mike Longman.

The remit of the East Midlands Local Centre is to bring the RMetS to its members in the region; to broaden interest in meteorology among the public at large; and where appropriate, to promote local expertise in atmospheric science and related disciplines.

This is the East Midlands Centre's fourth year of operation since its restart in 2021. Two online meetings were held during the year:

- 11 April 2024 Professor Paul Monks (University of Leicester and Chief Scientific Advisor to the Department of Energy Security and Net Zero) spoke on "[Net Zero: How can science help policy?](#)"
- 24 October 2024 Dr Massimo Bollasino (University of Edinburgh) spoke on "[Climate models: a key tool to make future climate predictions.](#)"

There were 21 attendees for Professor Monks' talk and a very interesting discussion followed. There were 35 attendees at Dr Bollasino's talk which was well received and followed by a lively discussion and there were 142 subsequent viewings of the online video.

Two further talks are currently booked for 2025.

In addition to committee members, our local membership is currently 12.

The Weather Front (established 1981) is now produced monthly online. One observing station has dropped out of the regional network in the last year, which leaves 12. The editor is working to rebuild the historical archive and bring it online.

North East Centre

The [Gordon Manley Memorial Lecture](#) was presented by Hayley Fowler at Durham University in November 2024. The lecture was on 'Rapidly Intensifying Extreme Weather Events in a Warming World: Implications for Science, Practice and Policy'. The event was attended by over 40 delegates.

North West Centre

There were no meetings hosted by the North West Centre during 2024.

Scottish Centre

The Scottish Centre hosted six meetings with an average attendance of 41 individuals:

- [19 January: How Can the UK Move Towards Climate-Resilient Net-Zero Energy Systems](#)
Dr Hannah Bloomfield (Newcastle University)
- [16 February: The Future Hydrogen Economy and the Climate – Benefits and Potential Problems](#)
Dr Katriona Edlemann and Prof David Stevenson (University of Edinburgh)
- [22 March: Post graduate student talks.](#)
Ray-Tracing Satellite Observations of Gravity Waves.
Phoebe Noble (University of Bath)
The Future of Surface Transport Forecasting at the Met Office.
Alice Lake (Met Office)
- [11 October: Extreme Temperatures over a Range of Climate States.](#)
Dr Mike Byrne (University of St Andrews)
- [12 November: Gardening and Climate Change](#)
Dr Emma Bush (Nature-based Solutions) William Hinchcliffe (Royal Botanic Garden Edinburgh)
- [10 December: The Challenge of TV Weather Broadcasting](#)
Jo Farrow (Netweather) and Manali Lukha (ITV News)

South East Centre

The South East Local Centre held one meeting in September 2024:

- [Characterising Ice Particle Size Distributions](#)
Speaker: Rosie Mammatt
50 delegates registered to attend.

South West Centre

In 2024, the Bath Royal Literary and Scientific Institution (BRLSI) Geography and Adventure Group enjoyed its eighth year as the Royal Meteorological Society's South West Local Centre.

Professor Stuart Reynolds, of the BRLSI Sustainability Group, worked really hard and effectively to set up two events for November 2024, both linked with the University of The West of England, Bristol (UWE Bristol) and Geography and Adventure helped with this process.

The first event was a lecture by Professor Jo Barnes, Professor of Clean Air, (UWE Bristol) in the lovely Elwin Room at BRLSI on 7 November 2024, entitled, "[Differentials in air pollutant exposure across UK communities and regions: do we have an environmental justice problem?](#)"

The second event was an interactive evening, also in the Elwin Room, BRLSI, based on [Climate Change discussions following COP 29](#). A diverse panel of speakers answered questions from a live and an online audience. The Chair was Professor Chad Staddon (University of West of England, Bristol) and speakers included Professor Stuart Reynolds (University of Bath), James Spincer (then of Birmingham University), Penny Tranter (professional meteorologist) and Theresa Lober (Head of Climate Hub at Bank of England).

Welsh Centre

There were no meetings hosted by the Welsh Centre during 2024.

West Midlands

The West Midlands Centre hosted two meetings at which the average attendance was 20. Titles of the meetings were:

- 8 February: [The warning value chain - understanding the end-to-end warning chain for weather-related hazards](#), Robert Neal, Met Office, Exeter
- 29 February: [The Met Office - Taking social media by storm](#), Aidan McGivern, Met Office, Exeter.

Yorkshire Centre

The Yorkshire Local Centre did not host any meetings during 2024. A new chairperson has been appointed for 2025 and the process of re-starting the centre has begun.

Reports from Special Interest Groups

The Special Interest Groups (SIGs) of the Society are informal groups interested in specific areas of meteorology and related topics. The groups are primarily a means of bringing together those with a specialised interest that cannot be explored fully by the general Society meetings.

Atmospheric Chemistry

The group held a successful day meeting titled "[From Sea to Sky: Exploring Marine Atmospheric Chemistry Frontiers](#)" at the National Centre for Atmospheric Science, Leeds, on 7 February. Topics spanned the detailed chemistry of sulfur compounds, new particle formation, air-sea gas exchange as well as studies with a global focus. The meeting was well attended, with around 60 participants on the day. It included several invited speakers from outside of the UK, including prominent scientists based in Spain and Denmark. The topic stimulated much interesting discussion, and there was a poster session which proved very convivial.

Atmospheric Electricity

The Atmospheric Electricity group organised the 12th annual 'CTR Wilson Meeting on UK Atmospheric Electricity' on 21 November 2024, as an in-person event at the University of Bath. There were 47 registered attendees, including international visitors from Israel, Hungary and Japan. The vice-chancellor of Bath also attended. There were 16 presentations and 9 posters. A meeting report is being submitted to *Weather*.

Aviation Meteorology

Bob Lunnon was the RMetS representative on the UK Flight Safety Committee (UKFSC) during 2024. There were four meetings of the UKFSC in 2024, details can be found under the [UKFSC section](#).

Climate Dynamics

The [9th National Climate Dynamics](#) workshop was held at the University of Bath in June 2024. The annual workshop continues to thrive with over 90 delegates registered to attend. This 2-day event fosters collaboration between the academic community and Met Office scientists working on atmosphere and ocean climate dynamics from sub-seasonal to multi-decadal timescales.

History of Meteorology, Climatology and Physical Oceanography

The History Group had a successful year in 2024 with a series of activities and publications. The Group updated its Terms of Reference and made a small change to its full name – adding 'climatology' to become the SIG for the History of Meteorology, Climatology and Physical Oceanography.

Richard Cornes of the National Oceanography Centre, Southampton was welcomed as a new member of the Committee. Former Chair, Norman Lynagh, retired from the Committee. Several new members were recruited to the Group but we also noted the deaths during 2024 of two prominent members; Joan Kenworthy and Maurice Crewe.

A RMetS National Meeting on the History of Climate Modelling, organised by Chris Folland and Mat Collins, took place in December at the Royal Society of Chemistry with talks by distinguished speakers. This marks the Group's organisation of the third National meeting in three consecutive years.

In November 2024, the Group hosted a well-attended online seminar by Prof David Schultz (University of Manchester and editor of Monthly Weather Review) on the topic 'What we think we know about the Spanish Plume.'

Julian Mayes issued a Newsletter at the very start of the year. Howard Oliver stood down as editor of the Occasional Papers series and handed over the copy-editing of a forthcoming Occasional Paper to Julian Mayes. This is by Frances Green, A Meteorologist's War – the WW2 experiences of F.H.W. Green (her father), which will be published in early 2025.

The History Group was contacted by Alexandra Rose (Curator, Climate and Earth Science) of the Science Museum in relation to their collection of historical meteorological and oceanographic instruments held at Wroughton in Wiltshire. The Group identified volunteers for a citizen science project to assist with the online cataloguing of these items. Furthermore, a visit to Wroughton is planned for 1 April 2025.

The Group continued to develop the [Distinguished Voices Podcast](#) series with the second interview between Prof John Mitchell and Prof Chris Folland. This was published online in November 2024.

Richard Griffiths organised a visit to Eskdalemuir Observatory on 24 July 2024 in collaboration with the RMetS Scottish Local Centre. This was the second year in which Richard had organised a visit to Eskdalemuir. Catherine Ross reported on the growing digitisation of the holdings of the Met Office's National Meteorological Library and Archive.

In order to assist with the planning of future events, a members' survey was compiled by the Group and this was distributed to members in early 2025. We are pleased to acknowledge the help of Catherine Bicknell (RMetS) with meetings and for helping us develop the members' survey.

Meteorological Observing Systems

The Meteorological Observing Systems SIG held a hybrid mini-conference on 12 September in Reading with about 30 people attending in person and the same number online. The SIG held its AGM on 18 November via zoom and produced two newsletters during the year.

Annex F: UNDERPINNING ACTIVITIES AND CROSS-CUTTING PRIORITIES

Council and Committees

MEMBERSHIP OF COUNCIL (TRUSTEES OF THE SOCIETY)

Patron: King Charles III, HonFRMetS

From 1 January to 30 September 2024 the constitution of the Council was as recorded in the Annual Report for 2023. On 1 October 2024, the following Council held office:

PRESIDENT

Brian Golding, OBE, FRMetS (also Chair, Strategic Planning Board and Awards Committee)

VICE-PRESIDENTS

David Griggs, PhD, FRMetS
Robert A Varley, FRMetS, CMet
Keith Williams, FRMetS

VICE-PRESIDENT FOR SCOTLAND

Greg Wolverson, FRMetS, CMet

GENERAL SECRETARY

Derek Swannick, FRMetS, FCMI, MAPM (Chair, House Committee, Salary and Remuneration Committee)

TREASURER

Paul Hardaker, FRMetS, CMet, FInstP

COMMITTEE CHAIRS

Radan Huth, FRMetS (Scientific Publishing Committee)
Edmund Henley (Meetings and Conferences Committee)
Karl Shepherdson, FRMetS (Education Committee)
Hayley Fowler, PhD, FRMetS (Science Engagement Committee)
Rebecca Venton, FRMetS, CMet (Professional Accreditation Board)

MEMBERS OF COUNCIL

Mona Lukha
Hilary Weller

Council met on three occasions during 2024 in February, June and November. In addition to routine business, Council discussed: how AI can support the Society; support for the African Regional Met Society; formation of meteorological education forums in the devolved nations; and updates to the Society's policy strategy. Council also had presentations on the Sustainable Development Goals and from Professor Paul Monks FRMetS, the Chief Scientific Adviser for the Department for Energy Security and Net Zero.

Council Diversity

The Society's Council has long championed the benefits of diversity on decision-making and seeks to have a diverse range of individuals on its Council and committees in terms of protected characteristics and in terms of diversity of background and experience. To identify the skills and knowledge it needs and inform future recruitment, the Society conducts an annual skills audit of Council and collates some EDI data. The current Council membership has some gender balance and representation from diverse communities.

Without Whom

During the year, the following Officers and Council Members retired or stepped down from office with our grateful thanks.

Catherine Senior	(Vice President)
Anna Ghelli	(Chair of Scientific Publishing Committee)
Peter Stott	(Chair of Science Engagement Committee)
Indrani Roy	(Council Member)

House Committee

The House Committee reviews and develops the key functions that underpin the general activities of the Society in order to achieve its strategic aims. The Committee, chaired by the General Secretary, normally meets ahead of the Council meetings. The House Committee met three times in 2024 to:

- review recommendations from the Governance health check activity completed every 3 years;
- review the Society's Risk Register to ensure ongoing risks are reduced and monitored;
- monitor Health and Safety actions following the annual audit;
- review changes to the Standing Orders and By-Laws;
- review progress towards the Society's Net Zero pledge;
- hear updates on the donations and legacies work;
- assess progress of the reviews relating to insurers and auditors;
- review and approve changes from the Society's employment policies and benefits;
- review the Business Plan and budget for 2024 and recommend them to Council.

Strategic Planning Board

The Strategic Planning Board (SPB) supports the development of the Society's Strategic Plan. It normally meets annually to ensure the Strategic Plan remains fit for purpose, to provide guidance on cross-cutting themes and potential strategic partnerships, and to review and prioritise strategic project proposals. The Chair of the SPB is the President of the Society.

In 2024, the SPB met once to review the Strategic Plan, the Society's financial positions and the budget and Business Plan for 2025.

Business Development and Strategic Partnerships

The Society partners with a range of organisations, including academic institutions, businesses and industry, NGOs and government, to support the delivery of its charitable objectives.

Highlights from the activity delivered through the Society's business development and strategic partnership activities in 2024 include:

- Delivered the **Weather Photographer of the Year** competition in partnership with Standard Chartered, with global media coverage of the shortlisted photographs and increased emphasis on the connection between weather and climate change.
- Secured funding support from the **Garfield Weston Foundation** for the Society's Climate Education programme.
- Worked in partnership with **exam boards** including Cambridge University Press and AQA to highlight opportunities for climate change education across exam specifications.
- Partnered with the **British Red Cross** to deliver training on climate change adaptation to emergency first responders in the UK.
- Continued relationships with **ITV**, **PRCA** and **Sustainability Unlocked** to provide training on climate change communications to communication professionals.
- Worked in partnership with **Brit Insurance** and **WTW** to convene key stakeholders in the insurance and catastrophe risk sectors to discuss key climate challenges facing the sector.
- Loaned a collection of **Luke Howard sketches** to the Huntington Museum in the USA as part of an exhibition on Storm Clouds.

Equality, Diversity and Inclusion (EDI)

With support of its EDI working group, the Society has worked to improve its communication about EDI. This has included taking part in a website accessibility audit and delivering communications in support of awareness days. In response to requests from members, the Society established a new “[Early Careers of Colour](#)” network to provide peer support to early career members of the meteorology community from minority ethnic backgrounds. The Society launched a new events series, “[Diverse Voices](#)”, to celebrate the diversity of people working in and around the field of weather and climate.

The Society conducted a review of how it welcomes new people to its community and implemented a new events checklist and guidelines to ensure that its events are as representative as possible and welcoming to all.

Alongside EDI activities to support its membership, the Society also reviewed and updated its recruitment processes to help ensure it attracts a diverse range of people to work for the organisation.

Net Zero

The Society is committed to achieving net zero direct carbon emissions (Scope 1 & 2) by 2025, where there is direct control through avoiding, reducing and substituting. It is also working towards net zero indirect emissions (Scope 3) by 2030, subject to a full feasibility assessment.

The Society is part of [Pledge to Net Zero](#) along with over 220 signatories, which is an initiative tackling greenhouse gas emissions within the environmental services sector for those taking a leadership role in the transition to Net Zero. This initiative strengthens the Society’s longstanding efforts to address the global climate emergency.

In 2024, after successfully reducing its Scopes 1 and 2 emissions to net zero, the Society focused on its Scope 3 emissions. A review highlighted that three activities contributed to 85% of the Society’s Scope 3 emissions, namely scientific publishing, investments and events.

The Society has worked closely with Wiley, our scientific publisher, on a roadmap and milestones to net zero.

Rathbones, the Society’s investors, have been providing investment emissions data since 2023 and in 2024 the Society moved to direct investments to get a breakdown of emissions across our investment portfolio, and a move from investment risk level 3 to 4 and divestment in one company has led to a 50% drop in our investment emissions in 2024.

The Society has been collecting events emission data since 2019 and we introduced an events net zero plan in 2021. Actions taken include recording travel data to events, livestreaming, choosing accessible locations, sustainable name badges, recycling and plant-based food at all our events.

2024 Carbon Emissions Data

The Society reports on progress against its net zero pledge annually and has been collating information about scope 1 and 2 emissions for 2019 and 2020. The full baseline year is 2022 which also includes scope 3 data calculated during 2023.

The Society has been mindful of reducing its carbon footprint for over a decade, installing solar panels on the roof of the headquarters building and taking steps to eliminate scope 1 emissions by replacing an end-of-life gas boiler with a new electric system. The Society has already cut its scope 2 electricity emissions to net zero by switching to a 100% renewable energy tariff and switching to efficient lighting to reduce its energy demands.

Baseline Year:	2022
Scope 1:	2.4 tCO ₂ e

Scope 2:	1.8 tCO ₂ e (0.3 tCO ₂ e market-based emissions ¹ due to green tariff and renewables)
Scope 3:	289.3 tCO ₂ e (3.8 tCO ₂ e from T&D losses, water, waste, paper and business travel, 186.6 tCO ₂ e from purchased goods and services, 21.4 tCO ₂ e is employee commuting, 2 tCO ₂ e is downstream transportation and distribution, 5.5 tCO ₂ e is use of sold products, and 68.8 tCO ₂ e is investments.)

Latest annual carbon footprint for 2024:

Scope 1:	0.0 tCO ₂ e
Scope 2:	0.3 tCO ₂ e (market-based emissions due to green tariff and renewables)
Scope 3:	271.42 tCO ₂ e (4.62 tCO ₂ e from T&D losses, water, waste, paper and business travel, 183.6 tCO ₂ e from purchased goods and services, 21.4 tCO ₂ e is employee commuting, 2 tCO ₂ e is downstream transportation and distribution, 5.5 tCO ₂ e is use of sold products, and 54.3 tCO ₂ e is investments.)

Marketing and Communications

The role of communications and marketing is to promote the Society's work and the understanding of weather and climate. The Society recognises the importance of increasing its visibility, raising awareness and being an independent, authoritative voice about weather and climate science.

Highlights from 2024

- **Social media:** As one of the more stable social media platforms, LinkedIn was the primary focus in 2024. Followers grew by 34%. The Society also opened a placeholder BlueSky account and is currently reviewing options regarding X.
- **Website statistics:** The [website](#) saw 1.2 million unique visitors in 2024, a 20% increase on 2023 and the highest volume of annual visitors in its history. The Society's [Metlink](#) schools' portal also performed well, having received 170,000 unique visitors, a 26% increase on 2023.
- **Media coverage:** The Society carried out 175 media engagements in 2024, and garnered nearly 3,692 pieces of media coverage, a 65% increase on 2023. Some of the increase came from improved performance of the Weather Photographer of the Year campaign, among other sources.

In 2024, the Society delivered the following key marketing and communications activities:

- A dedicated microsite for the Society's new Annual Weather and Climate Conference.
- A new "Climate Award" within the Weather Photographer of the Year competition.
- Launch of the Early Careers of Colour Network and Diverse Voices webinar series.
- A raft of engaging content for Volunteers' Week, celebrating the invaluable contribution that volunteers make to the Society.
- "State of the Climate for the UK Energy Sector 2023-24 report" in conjunction with the Society's Energy SIG.
- Popular thought leadership activities in conjunction with the Society's Insurance SIG, exploring why and how to bridge the gap between academia and professionals within the insurance sector.

¹ The market-based method was introduced in 2015 in order to allow companies to reflect the emissions from the electricity that they have specifically chosen to procure or generate on-site, which in most cases will be different from the average emissions of the electricity that is generated by the local grid.

- “Communicating your Science: An RMetS member-exclusive video series”, in conjunction with the Society’s Youth and Early Career SIG.

Membership Engagement

The Society continues to see strong engagement through Members’ eNews, with newsletters performing above average. In 2024 the average open rate was 50.34%, and the average click-through rate was 6.89% – both well above industry benchmarks.

Scientific Publishing Engagement

In 2024, there were around 1,200 national and international coverage items directly referencing Society publications; a similar level to 2023.

Education and Science Engagement

MetMatters content attracted around 840,000 visitors in 2024, an increase of 10% on 2023.

The 9th RMetS Standard Chartered Weather Photographer of the Year competition reached nearly 40 million people around the world on social media, a **212% increase** on 2023. This was achieved through careful monitoring of paid social performance. The competition also produced more than 1,000 pieces of media coverage, globally, doubling 2023’s performance. This was achieved through a more strategic approach to media outreach which significantly increased coverage throughout Asia.

Annex G: MEMBERSHIP OF COMMITTEES, BOARDS, LOCAL CENTRES AND SIGS

The Committees listed below are the standing Committees of the Society as of 31 December 2024. Membership of other sub-committees, working groups and similar *ad hoc* bodies are not detailed.

Accreditation Board

Becky Venton (Chair), Andrew Eccleston, Alan Hisscott, Pete Inness, Derek Swannick, Bob Riddaway, Keith Thomson, Ewen McCallum, Alex Kubara, Baden Hall, Jenny Rourke, Paul Knightly.

Awards Committee

Dave Griggs (President and Chair), Alan Thorpe, Liz Kent, Jo Haigh, Cristina Charlton-Perez, Simon Lee, Ruth Purvis, Dudley Shallcross.

Course Evaluation and Continuous Professional Development Panel

Keith Thomson (Chair), Andrew Eccleston, Peter Jonas, Norman Lynagh, Penny Tranter, Becky Venton, Michael Brettle, Daniel Adamson, Dan Suri, Andy Page, Fraser Ralston, James Rainbow, Roger Barrowcliffe.

Education Committee

Karl Shepherdson (Chair, Met Office), Rebecca Kitchen (Geographical Association), Andrew Charlton-Perez (University of Reading), Mike Follows (King Edward’s School), Simon Foster (Imperial College, London), Rebecca Griffiths (Met Office), Geoff Jenkins, Melissa Lord, Simon Pinfield (Royal Geographical Society), David Preece (Teach First), James Rae (University of St. Andrews), Charles Tracy (Institute of Physics).

House Committee

Derek Swannick (Chair), Hilary Weller, Radan Huth (Chair of Scientific Publishing Board), Paul Hardaker (Treasurer).

Events Committee

Edmund Henley (Chair), Natalie Harvey, Mark Rodwell, Steve Colwell, Ioana Colfescu, Greg Dewhurst, Rachel Perks, Fran Morris, Will Hodder.

Membership Development Board

Sarah Hewitt (Chair), Sarah Dennis, Richard Griffith, Katherine Latham.

Science Engagement Committee

Hayley Fowler (Co-Chair), Michelle Cain (Co-Chair), Ben Hutchins, Candice Howarth, Chloe Brimicombe, Clair Barnes, Clare Heaviside, Dann Mitchell, David Warrilow OBE, Ella Gilbert, Helen Roberts, John Marsham, Katie Jenkins, Matthew Wright, Matthew Priestley, Peter Stott, Regan Mudhar.

Scientific Publishing Board

Radan Huth (Chair), Eddy Graham, Simon Lee and Regan Mudhar (Co-Editors, Weather), John Methven, Andrew Ross, Antje Weisheimer (Co-Editors, QJ), Chris O'Reilly and Massimo Bollasina (Co-Editors, ASL), Cristina Charlton-Perez and Dino Zardi (Co-Editors, Met Apps), Bill Collins and Enric Aguilar (Co-Editors, IJOC), Kate Royse and Jian Peng (Co-Editors, GDJ), Rachel Warren and Kristie Ebi (Co-Editors, CRS).

Strategic Planning Board

Brian Golding (President and Chair), David Griggs (Vice-President), Paul Hardaker (Treasurer), Derek Swannick (General Secretary and Chair of House Committee), Robert Varley (Vice-President), Keith Williams (Vice-President), Hayley Fowler (Chair of Science Engagement Committee).

Weather and Climate Conference Organising Committee

Liz Bentley (Chair), David Warrilow, Amanda Maycock, Tim Banyard, Bria Grange, Matt Priestley, Ayesha Tandon, Andrew Russell, Tim Osborn, Lorenzo Tomassini.

Early Career and Student Conference Organising Committee

Ashar Aslam (Co-Chair), Kanzis Mattu (Co-Chair), Nathan Creaser, Aparna Anitha Reghunathan, Aleena Moolakkunnel Jaison, Daniel Williams, Eve Grant, Viv Atureta, Toby Jones, Regan Mudhar.

Local Centres

East Anglia Centre

James Lester (Co-Chair), Burnadette McCaffrey (Co-Chair).

East Midlands Centre

Michael Steven (Chair), Roger Phillips (Editor: Weather Front), Alan Jones, Mike Longman.

North East Centre

Vacant

North West Centre

Hugo Ricketts (Chair), Andy Smedley, John Wilmer, Michael Woolley, Jonny Taylor, Keith Bower, Ron McLone, Doug Lowe, Ernesto Reyes Villegas.

Scottish Centre

Greg Wolverson (Chair), D Fowler, G Gunn, A McLure, G G Meldrum, M G Roy, J A Smith (Secretary), D Steele, D Stevenson, S Tett, V Thompson, A G McDonald (Treasurer), F McLay, G H Johnston.

South East Centre

Rob Thompson (Chair), Isabel Smith.

South West Centre

Dick Bateman (Chair).

Welsh Centre

Vacant

West Midlands

Dr Ian D Phillips (Chair).

Yorkshire Centre

Vacant

Special Interest Groups**Atmospheric Chemistry**

Dr Ryan Hossaini and Dr Paul Griffiths (Co-Chairs).

Atmospheric Electricity

Giles Harrison (Chair), Martin Füllekrug, Karen Aplin, Alec Bennett, Keri Nicoll.

Aviation Meteorology

Bob Lunnon (Chair), Mike O'Donohoe, Piers Buchanan, Frank Barrow, Phil Nicol-Gent, James Morrison.

Climate Dynamics

Doug Smith and Adam Scaife (co-Chairs)

Data Assimilation

Amos Lawless (Chair), Joanne Waller (Secretary), Cristina Charlton-Perez, Stefano Ciavatta, Keith Haines, Bruce Ingleby, Matthew Martin.

Energy

Dafni Sifnioti (co-Chair), David Brayshaw (co-Chair), Amelia Adcroft, Daniel Drew, Daniel Massey, David Hone, David Martin, Emily Wallace, Francis Mosley, Hannah Bloomfield, Joseph Eimermann, Joseph Howe, Josephine Rogers, Laiz Souto, Mark Dunk, Matthew Priestley, Matthew Wright, Peter McAward, Philip Selwood, Regan Mudhar, Samuel Fisher, Stephen Haben.

History of Meteorology and Physical Oceanography

Vladimir Jankovic (Chair), Julian Mayes (Secretary, Newsletter Editor), Chris Folland (Coordinator - Pen Portraits of Past Presidents), Sarah Pankiewicz and Catherine Ross (Representatives from NMLA), Norman Lynagh, John Gould, Richard Griffith, Peter Rowntree, Richard Cornes, Mat Collins (co-opted for 2024)

Insurance

Katherine Latham (Chair), Aidan Brocklehurst, Alec Vessey, Alex Baker, Caroline McMullan, Chris Webber, Hannah Bloomfield, Hayley Fowler, Jason Lowe, Kelsey Mulder, Len Shaffrey, Marie Ekstrom, Matthew Priestley, Matthew Wright, Oliver Halliday, Regan Mudhar, Richard Dixon, Stefan Doerr, Tom Perkins, Vikki Thompson.

Meteorological Observing Systems

Steve Colwell (Chair), Mark Dutton, Steve Turner (Newsletter Editor), Mike Brett (Treasurer & Secretary), Ian Strangeways, Keri Nicoll, Stephen Burt, Dave Bullock, Mark Dutton, Katie Muchan.

Youth and Early Career

Ayesha Tandon, Daniel Skinner, Ella Gilbert, Elliot Sainsbury, Euan McNaughton, Florence Shannon-Vines, Fran Morris, Frederick Otu-Larbi, Hannah Bloomfield, Hannah Findley, Kanzis Mattu, Kit Marie Rackley, Laura Byrne, Matthew Priestley, Matthew Wright, Megan Pearce, Ned Williams, Phoebe Fulcher, Rachel Yan, Regan Mudhar, Simon Clark, Simon Lee, Tim Banyard.

Journal Editorial Boards

Atmospheric Science Letters

Editors:

Chris O'Reilly and Massimo Bollasina.

Associate Editors:

K Bhaganagar, E Black, J Booth, T Diomede, V Ferracci, S Hardiman, I Hoteit, M Kretschmer, L Lei, H Letu, C Li, C Liu, O Martinez-Alvarado, J McQuaid, A Mohebalhojeh, A Miller, R Neely, S Pal, R Parfitt, H Reider, T Stein, A Subramanian, N Theeuwes, M Valipour, D Woolf.

Climate Resilience and Sustainability

Editors:

Rachel Warren and Kristie Ebi.

Associate Editors:

E. Attoh, D Bernie, A. Bhave, V Boulton, M Ekström, Y. Ernst, K Halsnæs, S Jarillo de la Torre, K. Jenkins, R. Jenkins, W Jiang, M. Jones, G Koren, C Koven, K Lewis, G Nagy, S. Roffe, A Sharifi, J Supriatna, M Thompson-Hall, G Wang, C Weaver, Y Zheng.

Geoscience Data Journal

Editors:

Kate Royse and Jian Peng

Associate Editors:

L Brocca, Y Chen, R Crouthamel, P Diviacco, D Franco, B Hassler, E Hawkins, G Lasslop, G Leng, D Lorrey, C Reason, M Schron, Y Su, Y Wang, L Xu.

International Journal of Climatology

Editors:

Bill Collins and Enric Aguilar

Associate Editors:

C White (*Deputy Editor*), R Wu (*Deputy Editor*), J Abatzoglou, A Argiriou, A Cherchi, J Marengo, I McKendry, V Moron, M Roth, Q You, L Wang.

International Advisory Board:

L. Alexander, C. Anagnostopoulou, C. Buontempo, C. Giannakopoulos, B.N. Goswami, R.H. Kripalani, D. Maraun, T. Mikami, C. Reason, S.M. Vicente-Serrano.

Meteorological Applications

Editors:

Cristina Charlton-Perez and Dino Zardi

Associate Editors:

H Bloomfield, V Boulton, D Brayshaw, M Brunetti, L Carvalho, E Cattani, A Ceppi, X Chen, A Cherchi, C Coelho, A Doherty, M Doringner, R Emerton, E Ferrero, A. Fowler, L Giovannini, X Huang, C Keil, M Koßmann, S Kotthaus, S Lerch, J Lundquist, G Marshall, C Mazzoleni, A Merlone, S Orlandini, G. Pandithurai, G N Petersen, V Sinclair, E Tan, J Waller, H Ward, M Yan.

Assistant Editor:

Alessandro Messeri.

Early Career Researcher Editorial Board:

C. Aquistapace, F. Barbano, A. Bottacin, S. Cheng, A. Dasgupta, C. Manning, P.P. Leena, R. Williams, M. Zilli.

Quarterly Journal

Editors:

John Methven, Andrew Ross (Outgoing), Antje Weisheimer (Incoming)

Associate Editors:

J. Amezcua, C Bishop, J Broecker, A Dornbrack, S Havemann, S Ineson, J Inoue, T Janjic-Pfander, J Kent, S Marras, G McFarquhar, Z Meng, M. Miglietta, A. Miltenberger, M. Mittermaier, A Mitra, S Peatman, J. Poterjoy, DS Nolan, P de Rosnay, R Scott, S. Schemm, B Sinha, G-J Steeneveld, A Turner, N Vercauteren, H. Weller, C Westbrook, P. Xu.

Weather

Editors:

Eddy Graham (Outgoing), Simon Lee and Regan Mudhar (Incoming)

Associate Editors:

R Dixon, Matthew Priestley, Daniel Skinner, F. Morris, J. Carstens, M. Rantenen, B. Lo, J. Riboldi

Editorial Board:

T Blackmore, E Gilbert, D Harris, D Holley, S Keates, P Knightley, M Pearce, G Plumb, D Smart, C. Sweeney, K Thomas, B Venton, D Suri.

WIREs Climate Change

Editor:

Maria Carmen Lemos and Dan Friess

Associate Editors:

M Blomfield, S Capstick, T Carter, L Dilling, B Henley, M Heymann, B Larson, I Lorenzoni, LO Naess, J Patterson, S Pulver, S Rödder, J Rozenberg, C Singh, E Zorita.99

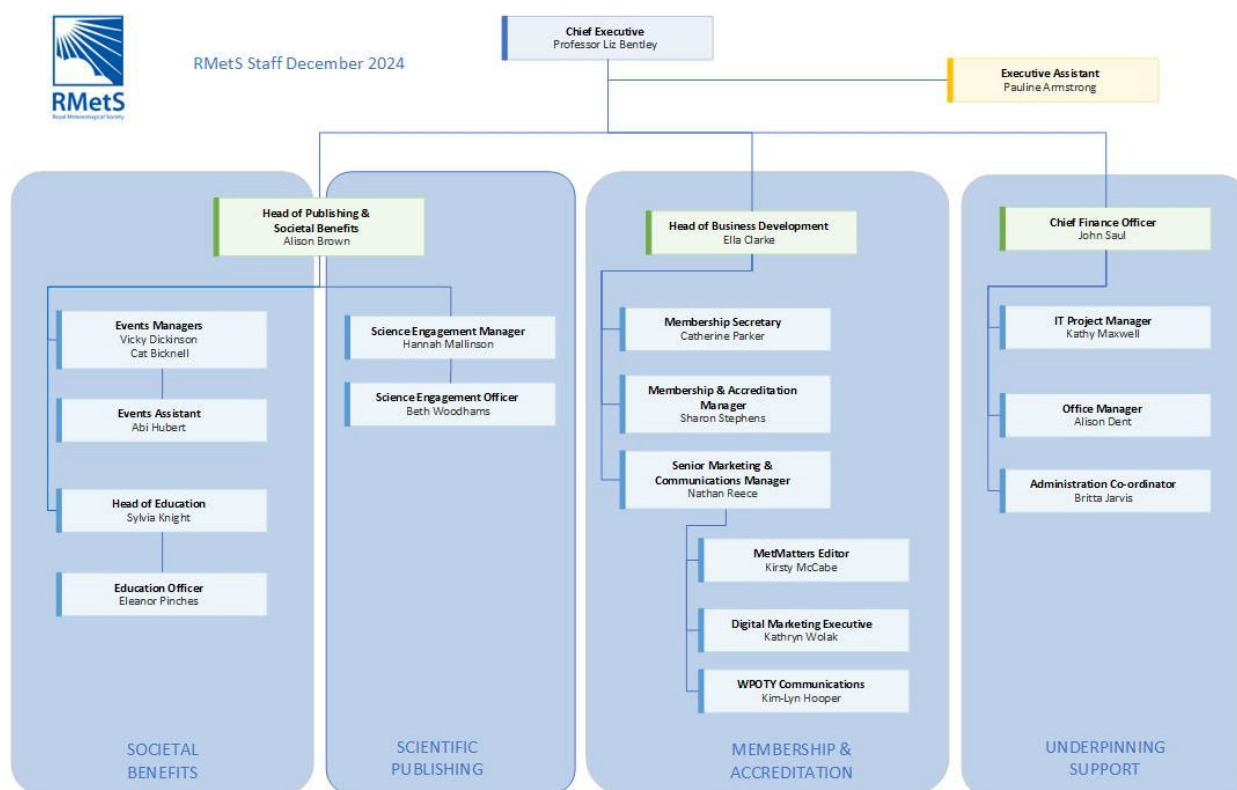
Representative with the:

- | | |
|--|-----------------|
| • UK Flight Safety Committee (UKFSC): | R Lunnon |
| • General Aviation Safety Committee (GASCo): | P Nicol-Gent |
| • European Meteorological Society (EMS): | D Swannick |
| • Science Council: | Chief Executive |

The Society depends heavily on the valuable and unstinting work done each year by those who hold voluntary office. The Society would like to record its grateful thanks to all of those who give up their time and who contribute with great dedication to the work of the Society. The Society could not achieve all that it does without the kind support of all of its volunteers – thank you.

Staffing at the Society

The Society has a secretariat that supports the day-to-day running of the Society and carries out its executive functions. A detail of the secretariat team and the organisational structure on 31 December 2024 is shown below.



The Society welcomed Eleanor Pinches, Beth Woodhams, Kathryn Wolak, Pauline Armstrong and Alison Dent during 2024. The following members of staff left the Society during 2024: Taylor Johnson and Vikki Phelps.

Background to the Society

The British Meteorological Society was founded in 1850 and was incorporated by Royal Charter in 1866. In 1883 the name was changed to the Royal Meteorological Society. A separate Scottish Society had existed from 1855, but in 1921 was merged with the Royal Meteorological Society. The Society is a United Kingdom Charity with a national and international reach and reputation.

The Royal Charter states that the Society was established “for the advancement of Meteorological Sciences”. That remains the aim of the Society along with the advancement of applications of the science and related sciences, including climatology and climate science, the interaction between the atmosphere and the oceans, and environmental awareness. Copies of the Society’s Charter and By-Laws are available on request.

The Society’s Annual Report and Annual Accounts are submitted to the Annual General Meeting by the Trustees, the Society’s Council, who are elected or re-elected each year at the Annual General Meeting. The Annual Report illustrates activities during the year, which reflect Council’s policies in pursuit of the aim of the Society.

Trustees' responsibilities statement

The trustees are responsible for preparing the Trustees’ Annual Report and the financial statements in accordance with applicable law and United Kingdom Accounting Standards (United Kingdom Generally Accepted Accounting Practice).

The law applicable to charities in England and Wales requires the trustees to prepare financial statements for each financial year which give a true and fair view of the state of affairs of the charity and of the incoming resources and application of resources of the charity for that period.

In preparing these financial statements, the trustees are required to:

- select suitable accounting policies and then apply them consistently;
- observe the methods and principles in the Charities Statement of Recommended Practice (SORP) 2019 (FRS 102);
- make judgements and estimates that are reasonable and prudent;
- state whether applicable accounting standards have been followed, subject to any material departures disclosed and explained in the financial statements;
- prepare the financial statements on the going concern basis unless it is inappropriate to presume that the charity will continue in operation.

The trustees are responsible for keeping proper accounting records that disclose with reasonable accuracy at any time the financial position of the charity and enable them to ensure that the financial statements comply with the Charities Act 2011 and the provisions of the trust deed. They are also responsible for safeguarding the assets of the charity and hence for taking reasonable steps for the prevention and detection of fraud and other irregularities.

The trustees are responsible for the maintenance and integrity of the charity and financial information included on the charity's website. Legislation in the United Kingdom governing the preparation and dissemination of financial statements may differ from legislation in other jurisdictions.

The Royal Meteorological Society (Registered Charity No 208222):

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Reading RG1 7LL
Telephone: 0118 2080 142
E-mail: info@rmets.org
Web: www.rmets.org

Bankers	Lloyds Bank plc PO Box 1000 BX1 1LT	Solicitors	Blandy & Blandy 1 Friar Street Reading RG1 1DA
Auditors	Porter Garland Communication House Victoria Avenue Camberley Surrey, GU15 3HX	Investment Advisors	Rathbone Investment Management Ltd 1 Curzon Street London W1J 5FB

Investment Powers:

By-Laws (July 2011) 82 and 83 read:

82 The monies of The Society which are not subject to any specific trust purpose, and which are not required to meet current expenditure, may be invested in any securities quoted in the official list of any recognised Stock Exchange or placed on deposit with a reputable organisation. Council may only delegate its powers to select and make investments to the extent permitted by the provisions of The Royal Charter and the relevant legislation governing responsibilities of Trustees and Charities².

² Reference should be made to Part IV, Section 11(3) of the Trustees Act 2000.

83 The Society's premises shall not be sold or disposed of except with the sanction of a General Meeting of The Society.

THE RESERVES POLICY OF THE SOCIETY

Principal Objectives

The principal objectives of the Society's reserves are to maintain and make use of capital reserves to:

- Ensure the viability of the Society in the short/medium term.
- Provide an assurance against significant financial risks and unforeseen costs.
- Enable the medium to long-term development of the Society's aims and objectives in line with its Strategic Plan.

Background and Introduction

The Statement of Recommended Practice (SORP) for charities requires a statement of a charity's reserves policy within its annual report which should explain to existing and potential members, donors and other stakeholders that the level of reserves set in this policy is considered to be required to ensure financial stability. The setting of a reserves policy forms an important part of the financial management of a charity and helps trustees to fulfil their charity trustee duties.

The Society derives its primary annual income from a combination of members' subscriptions, publishing royalties, partnership income and income from investments. The Society holds three types of fund: Tangible Assets (the Society headquarters at 104 Oxford Road), a Designated Legacy Fund and a General (free) Reserve. Council first approved the policy on management of the last two items on 5 December 2001 and this is kept under regular review, and at least annually.

Historically the only major demand (> £100,000) on the reserves has been in relation to the purchase of the Oxford Road Headquarters. Other demands have been comparatively small (~£60,000 spread over several years) relating to upgrade of the IT equipment and the replacement of the office heating system (~£30,000). Any world economic instability highlights a need for increased resilience to support assured future financial stability and therefore increased levels of reserves.

The medium and long-term investment strategy of the Society has been formulated by Council, is overseen by the Society's House Committee and is being implemented by the Chief Executive, who reports to Council three times a year. This policy statement provides guidelines on how the reserves may be used inter alia to fund non-recurring costs resulting from proposals on strategic development projects of the Society and to mitigate the major risks of the Society. Individual items of expenditure are presented for Council approval in the normal way.

The Annual Budget

The annual budget covers the income and expenditure of the Society in all its activities, including the reserves. Council sets the budget for the Society and at each quarter receives a forecast of out-turn against the budget. The management accounts format is broken down into the four business areas of Publishing, Societal Benefits, Membership and Accreditation, and Underpinning Support.

Overall, the budget shall normally be set at break even, with the exception of expenditure on strategic development projects, which may fall across some or all of the business areas. The budget for strategic development projects may be funded from previous years' reserves surplus, which may have been specifically identified as ringfenced for this purpose. The budget shall be set by taking into account the gains on investments available for furthering investment in the Society's charitable objectives.

The Reserves - Tangible Assets

Tangible assets, which comprise the premises, the furnishings and equipment are essential for conducting the business of the Society. These shall be routinely maintained primarily through the annual budget at a level appropriate to provide accommodation and facilities to support the normal operational activities of the Society. This includes committee meetings, but not necessarily the regular Society

meetings and conferences. Major changes to tangible assets would be funded on a case-by-case basis through the General Reserve and could include external contributions (e.g. on appeal).

The Free Reserves - The General Reserve

The role of the General Reserve is to provide the financial security to enable the long-term achievement of the Society's strategic objectives, to mitigate against the major risks of the Society and to provide the financial stability to enable the flexibility to commit to short term expenditure requirements. In line with the Society's Risk Register and its strategic and development requirements, the General Reserve shall:

- provide some resilience against "single event" failures, e.g. a significant failure of a large conference (~£100,000);
- allow front-loaded strategic spend-to-save measures (~£200,000);
- allow some "one-off" expenditures in the short and medium term (~£100,000);
- allow a recovery period for significant changes in the income/expenditure balance (~£150,000);
- create a margin for medium term market fluctuations (~£100,000).

It is considered that the level of reserves appropriate to meet the above requirements is within the range of 12-24 months of annual expenditure.

The Reserves - The Legacies Fund

The policy for this fund is for protection and growth of the fund. Subject to this policy, capital gains on investments and investment dividends are used to support, in a sustained manner, the benefits primarily to individuals through Grants, Awards and Bursaries. The number and level of grants and bursaries shall be determined by the level of available funds and by second priority call on the General Fund.

THE INVESTMENT POLICY OF THE SOCIETY

The Management of Investments

The Council, advised by the House Committee, are responsible for overseeing the Society's investments in ways which align with the Society's mission and values. In doing so they have a primary commitment to ensure that the Society holds 'responsible investments' with a secondary duty to ensure that the financial returns on investments are maximised.

Council expects companies in which they invest to demonstrate sustainable environmental practices, a strong sense of ethical social responsibility internationally, and that they conduct all their operations ethically, with honesty, integrity and openness. Council actively encourages investment in companies which have a firm Net Zero commitment by 2050 and have a good ESG rating. Should Fund Managers or Council become aware that these practices are not adhered to by individual companies they will be specifically excluded from the investment portfolio. The Society specifically excludes direct investment in companies involved in arms or weapons, fossil fuels or tobacco.

The management of investments is delegated by Council to a professional Fund Manager. The portfolio is kept under regular review, in addition the House Committee formally reviews performance of the portfolio twice a year and Council reviews investments at least annually. The choice of Fund Manager is kept under annual review in line with performance and the Society's investment requirements.

The Fund Manager is committed to the evaluation and reporting on the environmental, social and governance scores or the direct investments which are held. ESG factors and benchmarking form an important part of this investment policy and strategy.

Choice of Investments

Within the policy laid out above, investments may be made in cash deposits, bonds, equities, property and other alternatives. This may be done in such proportions as to keep within the Society's agreed level of exposure to investment risk (The portfolio is currently managed within a risk level of 3 out of 6 – the lower end of medium risk). The Fund Manager shall endeavour to maximise the total return to the Society over the longer term, typically a period of the Society's Strategic Plan, in order to deliver the

required revenues to support the Society's development programme and to mitigate the Society's other major risks.

Where investment is made in equity shares no purchase of a single equity should represent more than 5% of the total portfolio value. This guideline excludes shares held indirectly through, for example, Investment Trusts, where there is already an underlying diversity. If anyone holding reaches 20% of the value of the portfolio a partial sale should be considered. The portfolio should be diversified over both market sectors and geographic markets, and no one market sector should represent more than 25% of the total portfolio value.

Cash Flow Requirements

Council, when considering the budget, shall identify the likely demand for withdrawing funds from the investments over the next financial year and this shall be communicated to the Fund Manager so that they are able to anticipate the requirement for sales of investments whilst maximising profits and minimising losses. Any surplus cash on deposit may also be transferred at any time to the Fund Manager for investment at the recommendation of the Society's Chief Financial Officer and with the specific approval of The Treasurer.

Trustee Liability

Charity trustees are responsible for the efficient management of the organisation's assets and may be held personally liable for the financial state of their charity. Delegation and effective performance monitoring of the management of the funds to suitably qualified professionals adequately discharges that responsibility.

The Society carries trustee indemnity insurance against claims of up to £1m (excluding cases of willful fraud). It is important that all those Trustees and Fellows involved in managing the Society's funds are seen to take and act upon relevant professional advice and ensure that the Society Investment Policy is adhered to.

Annex H: REPORTS FROM OTHER REPRESENTATIVE BODIES

Science Council

The Science Council is a membership organisation for professional bodies and learned societies across science, bringing together a range of disciplines and sectors to reflect the multi-disciplinary practice of science in today's society. The Science Council plays an important role in ensuring public trust and confidence in the scientific workforce and transparency in the process of science. The Science Council's registers (CSci and RSci) provide independent peer-led recognition of achievement and evidence of the profession. The organisation was formed over 20 years ago from an informal network of professional science bodies; the Science Council's membership now stands at 32 organisations. It brings the science community together to harness its collective expertise in the pursuit of professional excellence and uses that expertise to inform public policy. The Science Council set standards for professional registration of scientists and science technicians and fosters debate and the exchange of ideas across the network. It also supports member organisations to be more effective in meeting the needs of the science community and attracting the next generation into fulfilling science careers. The Science Council was established under Royal Charter in October 2003 and the current Chief Executive is Della Freeth. Prof Catherine Ross was elected President in July 2024.

The Science Council has four key themes in its current strategy: registers and licenses; community and membership; policy and influence; and EDI. The Society continues to be a Member of the Science Council.

General Aviation Safety Council (GASCo)

GASCo is a body aimed at facilitating good communication of relevant safety information amongst private flyers. It comprises umbrella organisations in general aviation, such as the Aircraft Owners and Pilots Association, British Balloon and Airship Club, British Gliding Association, British Hang Gliding and Paragliding Association. The Society is a member of GASCo.

In 2024 the Society continued its engagement with GASCo although it was a quieter year than 2023.

UK Flight Safety Committee (UKFSC)

There were 4 meetings of the UKFSC during 2024. Bob Lunnion attended all four meetings as the RMetS representative. The first meeting included a discussion about whether there was more turbulence in 2023 than previous years as a result of climate change. In 2023, there were 21 aviation accidents attributed to turbulence, according to the Flight Safety Foundation report for 2023. In that year there were no fatal accidents in commercial aviation, so there is accentuated interest in causes of non-fatal accidents, of which turbulence is high on the list. A presentation was given at the second meeting addressing on the same topic and in addition an article was published in the FSC house journal "Focus on aviation Safety". Both the presentation and article leaned heavily on Prosser et al (2023) as well as Tenenbaum et al (2022). Prosser et al use ERA5 data, diagnose the occurrence of Clear Air Turbulence (CAT), and show a significant increase in the occurrence of CAT over the last four decades. Tenenbaum et al use in situ measurements of turbulence and show a decrease over the North Atlantic over the last two decades. Although the occurrence of turbulence is increasing, airlines are getting better at avoiding it.

A presentation at the third FSC meeting was given on the subject "How can we reduce the number of turbulence injuries in the future?" This majored on recent improvements in the gridded forecasts of CAT made by the UK Met Office, acting as a World Area Forecast Centre. The forecasts are now on a much higher (0.25° * 0.25°, as opposed to 1.25° * 1.25°) horizontal resolution than previously, higher vertical resolution (1000' as opposed to 5000') and an improved algorithm. Late in 2024 changes were also made to the Met Office's Significant Weather charts so that the CAT displayed on the charts was consistent with the gridded data. It was demonstrated that using the gridded forecasts enabled a true optimum aircraft trajectory to be determined (where optimum is minimum cost and cost includes the cost of turbulence injuries).

European Meteorological Society (EMS)

EMS Membership and RMetS Representation

The European Meteorological Society (EMS) is an Association of 38 Meteorological Societies representing about 10,000 individual members across Europe. In addition, EMS has 31 Associate Members made up of National Meteorological Services, international institutions, research and education institutions, and commercial companies.

The Society is a permanent member on the EMS Council. The RMetS Chief Executive is the current EMS President taking up the 3-year term of office in September 2023, and the RMetS General Secretary is the Society's representative on the EMS Council. The aim of the EMS is to advance the science, profession and application of meteorology, and of sciences related to it, at the Europe-wide level, for the benefit of the whole population.

The EMS General Assembly convenes representatives of all the Member Societies at least once a year and decides on constitutional and financial matters of the EMS, hears the report of the Council and the statement of the EMS's auditor.

The following EMS Council meetings took place in 2024:

- 52nd Council Session, 26 & 27 March, Reading, UK (hybrid)
- 53rd Council Session, 20 August, online meeting.

Prof Liz Bentley, RMetS Chief Executive, chaired both the meetings as the EMS President.

EMS Annual Meeting and EMS@25

The EMS celebrated its 25th anniversary during 2024 with the main celebrations taking place at the [EMS Annual Meeting 2024](#) held on 2-6 September in Barcelona. This event was attended by 1,080 participants from 46 countries: 996 onsite in Barcelona and 84 online from across the globe. The EMS has a sustainable meetings policy [EMS Sustainable Meetings Policy](#)

EMS Silver Medal Award

Susan Grimmond, United Kingdom, received the [EMS Silver Medal 2024](#) to recognise her exceptional scientific and academic career, marked by pioneering contributions to the field of urban meteorology, her leadership in the meteorological community, and the impact of her work in operations for weather and climate modelling.

New EMS Journal - JEMS

The EMS launched a new journal in 2024 called the Journal of the European Meteorological Society, or [JEMS](#). Two special issues are planned for JEMS: one to mark the 25-year anniversary of the EMS and one to honour the late Prof. Dr. Ehrhard Raschke.

EMS Webinars

In February 2024, the EMS launched a new [webinar series](#). The webinar topics vary, and can include presentation of books, results from the photo competition, discussion of relevant topics. The EMS has a small webinar organising group, consisting of Ernesto Rodriguez-Camino (Spain), Vesna Đuričić (Croatia) and Mónika Lakatos (Hungary), together with the EMS Secretariat.

EMS Pledge to Net Zero

At the 26th General Assembly of the EMS, which met on 1 September 2024, the representatives of EMS Member Societies agreed that the EMS should make a **pledge to become Net Zero by 2040** relative to the baseline year of 2023.

The EMS has developed a Net Zero Transition Plan, which will form part of its strategic plan, and aims to guide the EMS on its net zero journey, setting out how it will reduce emissions. The EMS will aim to draw on the knowledge and support from across the community in reaching net zero.

The EMS will be transparent in reporting its emissions data and plans to publish this data in the EMS Annual Report. The EMS recognises that net zero is a common goal of all EMS Members and an opportunity to work together on a common goal. The EMS can also benefit from knowledge across the community of science-based evidence and the opportunity to promote research across Europe.