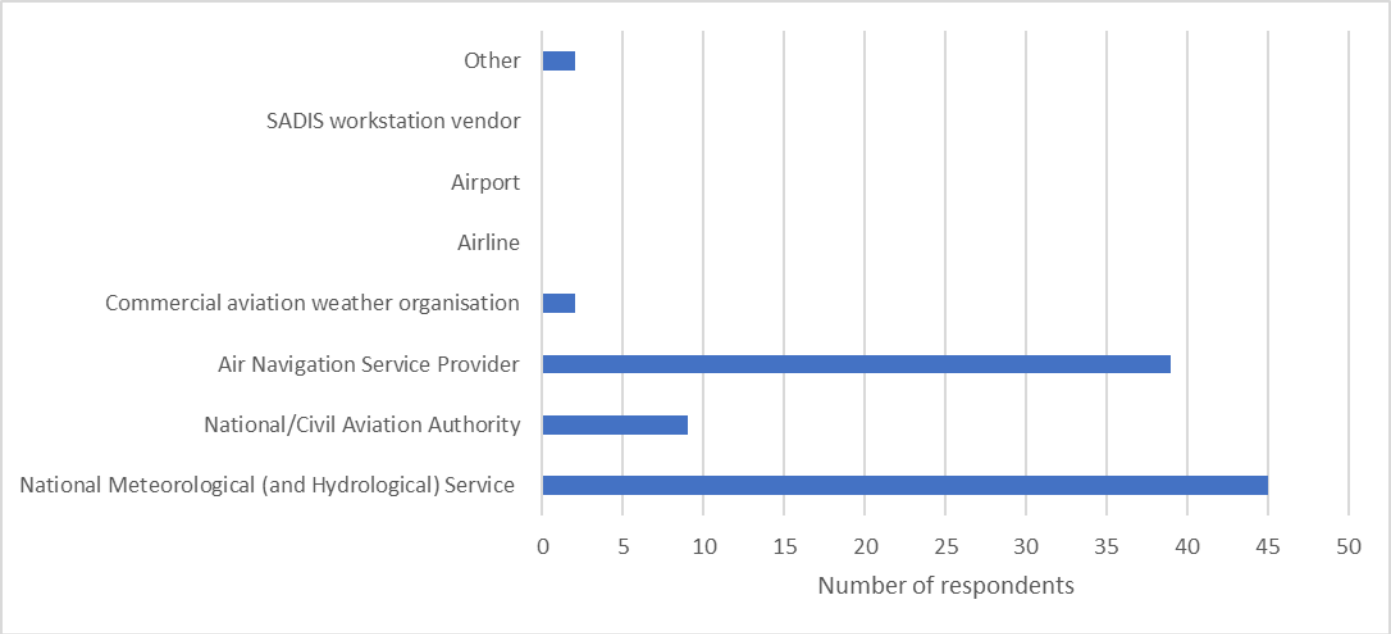
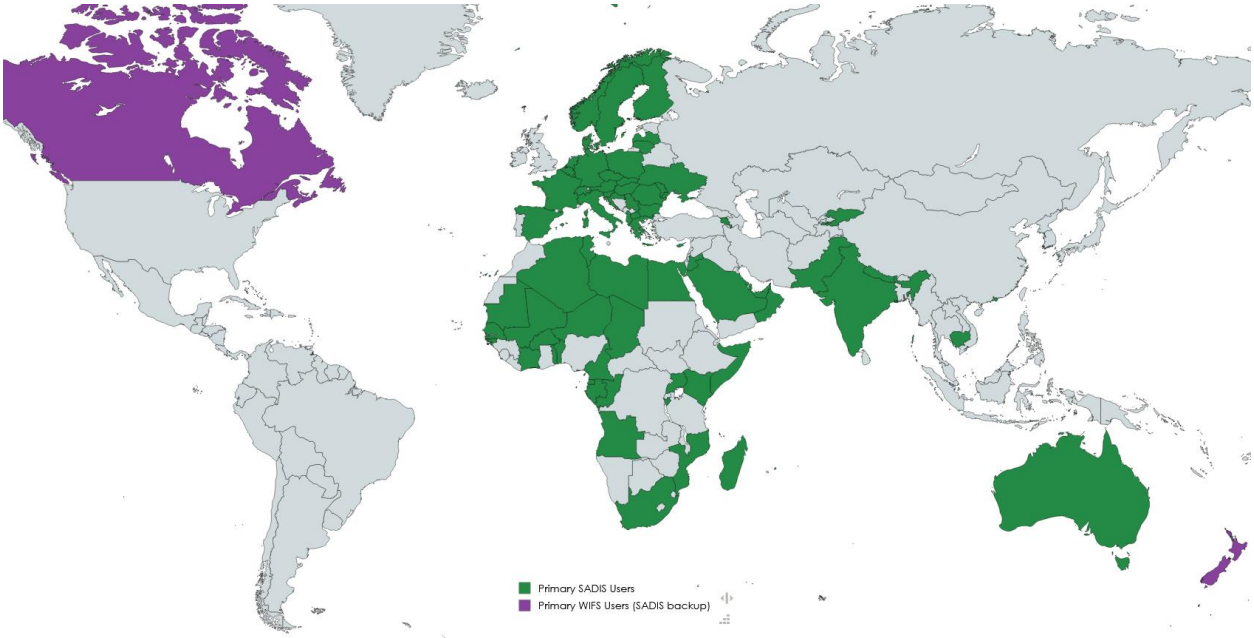
2024 SADIS EFFICACY SURVEY RESPONSES

Note: This document shows the results of the annual survey carried out to assess the performance of the SADIS FTP system.

1. What type of organisation do you work for?



2. What country are you located in?



3. What is the name of your organisation/company?

Albania Albcontrol	**Kenya** Kenya Meteorological Department
Algeria Meteo Algerie	**Kyrgyzstan** State Enterprise “Kyrgyzaeronavigatsia”
Armenia “ZVARTNOTS” Aviameteorological Center	**Latvia** - Latvijas gaisa satiksme (LGS) Latvian Environment, Geology and Meteorology Centre
Angola INAMET	**Libya** National Meteorological Centre (NMC)
Australia Bureau of Meteorology	**Lithuania** Lithuanian Hydrometeorlogical Service
Austria Austro Control GmbH	**Luxembourg** MeteoLux, Administration de la navigation aérienne
Bahrain Bahrain Meteorological Directorate	**Madagascar** ASECNA
Belgium skeyes	**Mali** ASECNA
Benin - ASECNA - Agence nationale de l'aviation civile du Bénin	**Mauritania** ASECNA
Bulgaria BULATSA	**Mauritius** Mauritius Meteorological Services
Burkina Faso ASECNA	**Moldova (Republic of)** MOLDATSA
Cambodia State Secretariat of Civil Aviation of Cambodia	**Montenegro** CAA Montenegro
Cameroon ASECNA	**Mozambique** CAA
Canada Environment and Climate Change Canada	**Nepal** Department of Hydrology and Meteorology, Government of Nepal
Central African Republic ASECNA	**Netherlands** KNMI
Chad ASECNA	**New Zealand** Met Service
Congo ASECNA	**Niger** ASECNA

Comoros ASECNA	**Norway** Avinor AS
Côte d'Ivoire ASECNA	**Oman** Directorate General of Meteorology (DGMet), Civil Aviation Authority (CAA)
Croatia Croatia Control Ltd.	**Pakistan** Pakistan Meteorological Department
Cyprus Cyprus Department of Meteorology	**Poland** Institute of Meteorology and Water Management National Research Institute
Czech Republic Czech Hydrometeorological Institute	**Portugal** Instituto Português do Mar e Atmosfera
Denmark DMI	**Qatar** Qatar CAA - Meteorology Department
Egypt Egyptian Meteorological Authority (EMA)	**Republic of North Macedonia** "M-NAV" GOJSC Skopje
Equatorial Guinea ASECNA	**Romania** ROMATSA
Finland Finnish Meteorological Institute (FMI)	**Rwanda** - ASECNA - Rwanda CAA
France Meteo France	**Sao Tome e Principe** Instituto Nacional d Meteorologia
Gabon ASECNA	**Saudi Arabia** National Center for Meteorology
Germany Deutscher Wetterdienst	**Serbia** - Republic hydrometeorological service of Serbia - SMATSA
Greece Hellenic National Meteorological Service	**Slovakia** - Slovak hydro meteorological institute
Guinee-Bissau ASECNA	**Slovenia** Slovenian Environment Agency (ARSO)
Hong Kong, China Hong Kong Observatory	**Somalia** Somali Civil Aviation Authority/ Meteorological Department
Hungary Hungarian Meteorological Service	**South Africa** South African Weather Service
India - Laminaar Aviation Infotech (India) Pvt Ltd - India Meteorological Department	**Spain** AEMET

Italy - ENAV SPA - Italian Air Force	**Slovenia** Slovenian Environment Agency (ARSO)
Hong Kong, China Hong Kong Observatory	**Sweden** Swedish Transport Agency
Hungary Hungarian Meteorological Service	**Switzerland** Federal Office of Meteorology and Climatology MeteoSwiss
India - Laminaar Aviation Infotech (India) Pvt Ltd - India Meteorological Department	**Togo** ASECNA
Italy - ENAV SPA - Italian Air Force	**Tunisia** National Institute of Meteorology
India - Laminaar Aviation Infotech (India) Pvt Ltd - India Meteorological Department	**Uganda** - Uganda Civil Aviation Authority - Ukrainian hydrometeorological center
Italy - ENAV SPA - Italian Air Force	**Ukraine** - Ukrainian hydrometeorological center - Ukrainian Air Traffic Services State Enterprise (UkSATSE) Ukrainian hydrometeorological center
Jordan Jordan Meteorological Department (JMD)	**United Arab Emirates** National Center of Meteorology

4. Are you a primary SADIS user or do you only use SADIS for backup purposes

	Percent
Primary SADIS user	97.7
Primary WIFS users (SADIS backup only)	2.3
Workstation/Software supplier	0

5. How did you find the SADIS FTP service quality?

	Percent
No problems encountered	92.0
Problems encountered	8.0

6. If you experienced problems with SADIS FTP, please specify their nature

Feedback	SADIS Manager Comment
Système à beaucoup beug très souvent en 2024 et en août 2024 le système s est arrêté près d un mois. Le centre était obligé de solliciter l apui des centres adjacents tels que Niamey et Abidjan. Le dépannage a été effectué par le RSI météo en coordination avec DTI asecna. *Translation: The system crashed very frequently in 2024, and in August 2024, the system was down for nearly a month. The center was forced to seek support from neighboring centers such as Niamey and Abidjan. Troubleshooting was carried out by the RSI Météo in coordination with DTI Asecna.* Le problème rencontré dans l'exploitation du SADIS FTP était lié à l'obsolescence du poste de travail. Une fois ce poste de travail remplacé, le système a fonctionné normalement. *Translation: he problem encountered in operating the SADIS FTP was related to the obsolescence of the workstation. Once the workstation was replaced, the system functioned normally.*	*This appears to be related to the user' system/software rather than SADIS.*
At times, we notice Intermittent availability of model data. We can observe a modification or a total change in the content of the TAF message transmitted via the AMHS system.	*In the last year there has only been one occasion where an EGRR data set was entirely missing (it was a turbulence data set for one model run).*
SADIS received some SA, FT, and WS messages sent from CCL with a delay; in some cases, some messages were lost altogether.	*SADIS gets data from ROC London which has been transmitted over the AFS. Sometimes data can be slow coming through the AFS.*
1. Occasional Middle EAST SigWX charts unavailability, during the year. However, during late November and December, the availability of these charts (Middle EAST SigWX charts for FL 250 -630 issued by WAFC LONDON) occurred in consecutive days, resulting in the use of the corresponding charts, issued by WAFC WASHINGTON. 2. Rare occurrence of technical problems, creating the aviation charts folder, like this message from SADIS: "Due to a technical error (flight folder creation) we are unable to issue this flight folder. We apologize for this problem…". This occurred after the completion of scheduled back-up tests form SADIS.	*1) This was during the period of WAFC London and Washington taking turns at issuing the SIGWX forecasts. It won't happen now production has been automated.* *2) this appears to be a problem with the user' software rather than SADIS.*
Intermittent availability of model data. Intermittent availability of model data. Users are forced to restart the equipment several times to get the models	*Unfortunately sometimes there are problems with the system. User's systems should have automatic re-try systems in place.*
The London TEMSI FL100 to FL450 is not in line with TEMSI FL200 to FL630. Indeed stormy areas may appear in the second but no trace in the first for the same time of validity. Areas of turbulence sometimes not on the TEMSI FL100 to FL250 while they are well distinct on that of FL250 to FL630..	*The medium level (FL100-450) SIGWX BUFR data did not cover the entire globe, but with automation we have changed this and the medium level BUFR is global in nature.*
Sometimes model data is not available on time	*Unfortunately sometimes there are problems with the system and*

	data is late. Hopefully this will improve in 2025.
some parameters are not available because of the update of the system	*This appears to be a local problem*
We had installed our organization SADIS FTP that begin function very well but for cause of no training of the team and no payment of licence today no function	*The organisation making this comment do have a live SADIS login that they can use.*

7. Is the SADIS FTP data download rate suitable for your operations?

	Percent
Yes	96.6
No	1.1
I don't know	2.3

8. If your answer to question 7 was 'No' please provide further details

Feedback	SADIS Manager Comment
Nil	

9. How did you find the availability of WAFS upper-air gridded global forecasts in the WMO GRIB2 code form (including wind/temperature/humidity and CB cloud/icing/turbulence)?

	Percent
Good	83.9
Average	12.6
Poor	0
GRIB2 data was not used	3.4

Recalculating the statistics for only those who use GRIB2 data gives a "good" availability of WAFS GRIB data of 86.9%

10. If your answer to question 9 was ‘average’ or ‘poor’ please specify the nature of the problem.

Feedback	SADIS Manager Comment
1. Certaines données telles les données de vent aux niveaux Fl10 Fl25 Fl30 Fl45 sont manquantes Y Comprises certaines données de la PNT. Ce qui nous empêche de bien faire nos briefing aux pilotes. *Translation: Some data, such as wind data at levels FL10, FL25, FL30, FL45, are missing, including some NWP data. This prevents us from properly briefing pilots* 2. Souvent, les zones des nuages CB dans les cartes TEMSI ne sont pas en accord avec l'observation *Translation: Often, CB cloud areas on TEMSI charts do not match observations.* 3. Certaines données (humidité,vent) sont surestimé ou sous-estime *Translation: Some data (humidity, wind) are overestimated or underestimated.*	*1) The lowest WAFS gridded data is at FL50 as our remit is to support en-route aviation rather than low level aviation.* *2) The medium level (FL100-450) SIGWX BUFR data did not cover the entire globe, but with automation we have changed this and the medium level BUFR is global in nature.* *3) without more specific information there is no way to resolve this.*
Les produits givrage/turbulences/CB pas toujours disponibles *Translation: Icing/turbulence/CB products not always available*	*There has only been one occurrence during the past year when there were any missing EGRR data sets (this was turbulence on one occasion only).*
Sometimes CB Cloud , Icing and Turbulence are not available.	*There has only been one occurrence during the past year when there were any missing EGRR data sets (this was turbulence on one occasion only).*
In recent time we noticed increasing events of issuance of non-harmonized datasets due to missing KWBC data	*This has been the case during 2024. We hope that recent changes made to the data transfer process have greatly reduced the number of times this is occurring.*
Quite often products are delayed	*Unfortunately sometimes there are problems with the system and data is late. Hopefully this will improve in 2025.*
Some aircraft report turbulence when the valid TEMSI does not speak of it. Wintem charts below FL050 is requested for some special operations	*The SIGWX feedback process in Doc 8896 can be used to tell us when there are aircraft reports that don’t match the SIGWX forecasts.* *The lowest WAFS gridded data is at FL50 as our remit is to support en-route aviation rather than low level aviation.*

CB cloud/icing/turbulence not available	*There has only been one occurrence during the past year when there were any missing EGRR data sets (this was turbulence on one occasion only).*
The problem is need of training of the staff that work in the of Center of meteorological prevision of as use very well SADIS FTP	*This is outside of the control of the SADIS provider*
There is sometimes a delay in receiving models for the analysis before TAF issue	*Unfortunately sometimes there are problems with the system and data is late. Hopefully this will improve in 2025.*
1) Incohérences entre les données : Des divergences ont été observées entre les prévisions des différents niveaux de l'atmosphère, avec des incohérences entre les données de vent, de température et d'humidité. *Translation: Data inconsistencies: Discrepancies were observed between forecasts for different atmospheric levels, with inconsistencies between wind, temperature, and humidity data.* 2) Fichiers corrompus : Des incidents de fichiers GRIB2 corrompus, qui ne pouvaient pas être ouverts ou traités correctement. *Translation: Corrupted files: Incidents of corrupted GRIB2 files, which could not be opened or processed correctly* 3) Problèmes de latence et d'accès : Des retards fréquents dans le téléchargement des fichiers GRIB2 ont été signalés, ce qui a affecté l'efficacité des opérations, notamment dans des situations où des données météo actualisées en temps réel sont cruciales. *Translation: Latency and access issues: Frequent delays in downloading GRIB2 files were reported, which affected operational efficiency, particularly in situations where real-time weather data is crucial.*	*1) without more specific information there is no way to resolve this.* *2) We have not received reports from users of corrupted GRIB2 files, so this must be an issue with the users' system.* *3) This appears to be an issue with the users' system. Most of the GRIB2 files are produced on time.*

11. How did you find the availability of WAFS SIGWX forecasts in the BUFR code form?

	Percent
Good	78.2
Average	8.0
Poor	0
SIGWX data was not used	9.2

Recalculating the statistics for only those who use SIGWX data gives a "good" availability of WAFS GRIB of 90.8%

12. If your answer to question 11 was 'average' or 'poor' please specify the nature of the problem

Feedback	SADIS Manager Comment
Some times London WAFS-SIGWX are missing while Washington WAFS-SIGWX are available . Zones festonnées pas toujours precises *Translation: Scalloped areas not always precise*	*This may be referring to the backup mode operated from November 2024 to January 2025 where each WAFC was taking turns. The EGRR (WAFC London files) always get published even if WAFC Washington made them for us.* *SIGWX areas are drawn to the best of our abilities.*
Sometimes, SIGWX BUFR are not available	*This appears to be an issue with the users' system. SIGWX BUFR files have been produced very reliably.*
Of cause no training the same staff he do not known as to arrive SIWX forecast in the BUFR code.	*There is no low level SIGWX products (only a small selection of low level area forecast charts provided as part of a trial)*
1) Problèmes de compatibilité : Des difficultés ont été rencontrées pour utiliser les fichiers BUFR dans certains logiciels ou systèmes, en raison de versions incompatibles du format BUFR ou de l'absence de logiciels adaptés pour traiter ces données. *Translation: Compatibility issues: Difficulties have been encountered using BUFR files in some software or systems due to incompatible versions of the BUFR format or the lack of suitable software to process this data.* 2) Retards dans les mises à jour : Des utilisateurs ont rapporté des retards dans la disponibilité des fichiers BUFR contenant les prévisions SIGWX actualisées *Translation: Delays in updates: Users have reported delays in the availability of BUFR files containing updated SIGWX forecasts.*	*1) We worked very hard to ensure that the BUFR version of the automated SIGWX and manual SIGWX had a consistent format and encoding, and very few issues were reported by users.* *2) It is very unusual for the BUFR data to be late. This suggests there is a problem with the user system.*

13. How did you find the availability of OPMET messages (METAR, TAF, SIGMET etc.)?

	Percent
Good	88.5
Average	6.9
Poor	0
OPMET data was not used	4.6

Recalculating the statistics for only those who use OPMET data gives a "good" availability of WAFS OPMET of 92.8%

14. If your answer to question 13 was 'average' or 'poor' please specify the nature of the problem

Feedback	SADIS Manager Comment
Cette disponibilité dépend de la disponibilité de la connexion internet *Translation: This availability depends on the availability of the internet connection*	*This is outside of the control of the SADIS provider.*
Sometimes OPMETs are missing in the SADIS while available in other system.	*SADIS has data that is routed through the AFS to ROC London. It is possible that other systems have picked up data from elsewhere but this won't be quality controlled like the data on SADIS is.*
We sometimes note an absence in the reception on SADIS of some of these specified messages even though they were transmitted via the AMHS system.	*SADIS publishes all the data it has received from ROC London, which ROC London has received over the AFS. If it fails the quality control process at ROC London the data is not published.*
Request to include maximum airports including regional airports and FIRs	*SADIS has data that is routed through the AFS to ROC London, it is subject to national policies that determine which data they make internationally available .*
SIGMET listed in duplicate and TAF appears as COR in flight folder sometimes	*Sometimes duplicated data sets do come through the AFS twice, and will be published twice.* *It is possible for TAF COR to be issued.*

15. Are you downloading the new IWXXM format OPMET data sets?

	Percent
Yes	32.2
No	58.6
I don't know	9.2

16. Please explain any plans you have in relation to downloading and using IWXXM OPMET data sets.

Feedback
Actually we are issuing, METAR, TAF, AIRMET & SIGMET in TAC and IWXXM formats. For the time being we are not yet downloading IWXXM format, we are planning to upgrade our system in order to do that, hopefully by the end of 2025.
In 2025, plans include downloading and using IWXXM OPMET data sets.
The plan to fully implement the data is still being developed
- no use cases yet for IWXXM - SADIS IWXXM messages are split up per airport and can therefore not be used as a backup for the AFS OPMET data
The implementation of the reception of OPMET data in IWXXM format is underway. The training of trainers took place in Dakar from November 16 to 30, 2024. The physical server is already deployed; the completion of the MIP is planned. The arrival of the expert for the deployment of the MESSIR NEO software, originally scheduled for late December, has been postponed to 2025.
La nouvelle version a été téléchargée mais les passerelles entre Niamey et Dakar non encore activées par la DG ASECNA *Translation: the new version has been downloaded but the gateways between Niamey and Dakar have not yet been activated by DG ASECNA*
ASECNA is planning to get new systems that involve IWXXM OPMET data sets.
By june 2025
En cours d'expérimentation au niveau local *Translation: Currently being tested at the local level*
We plan to download IWXXM OPMET datasets by the end of 2025, Q1 2026 at the latest.
When all ROCs start the exchange of OPMET IWXXM data, the Cyprus Department of Meteorology will start downloading them.
Only in test
No decision has been made yet about using IWXXM OPMET data sets
No plans.
Although we are not currently downloading from SADIS FTP service the IWXXM files, we are planning to use them as part of the SWIM project.
Kenya is not yet compliant to exchanging data in IWXXM format
It is necessary to upgrade the software that will be using IWXXM OPMET data sets
We are planning to download and start using IWXXM OPMET data sets in the first half of 2025.
Downloading for tests mostly
Will be foreseen in next software update of briefing system (AeroMetWeb Pro)
L'ASECNA a engagé un projet pour l'acquisition de nouveaux serveurs et la mise à niveau des AMHS pour la prise en charge du format numérique avec le modèle IWXXM *Translation: ASECNA has initiated a project to acquire new servers and upgrade AMHS to support the digital format with the IWXXM model*
There is no need for IWXXM format OPMET data at the moment for us.
Implementation plan in progress
At present only in test environment.
By the end of 2026
Along with the development and implementation of SWIM
we are receiving them through GTS.
The State is currently still using TAC format for exchange of OPMET data as it is planning to migrate to IWXXM format
The our plans as is with support of ICAO INAC of INAC and ENASA install new SADIS API and to give training all staff the work Center of Aeronautical Meteorology
we intend to implement at the proper time

No plans yet - to be discussed internally with technical teams.
Planned to be implemented under 2025, either by Luftfartsverket or Swedish Meteorological and Hydrological Institute.
We are not using so far IWXXM data.
KNMI is updating its internal systems to be able to store and disseminate the OPMET data in IWXXM format. This project (BREM/OPMET replacement) will provide this functionality conform planning before December 2025.
Nous suivons l'évolution de l'adoption du format IWXXM et nous préparons à adapter nos systèmes pour traiter ces données à mesure qu'elles deviennent plus largement disponibles *Translation: We are monitoring the adoption of the IWXXM format and preparing to adapt our systems to handle this data as it becomes more widely available.*
A project to upgrade the software for processing and visualization SIGWX in IWXXM format and more detailed upper-air GRIB 2 data was suspended due to the war russia against Ukraine. It will be resumed after the war end, provided sufficient financial resources are available.

17. How did you find the reliability of the SADIS FTP system overall?

	Percent
Good	97.7
Average	2.3
Poor	0

18. If your answer to question 17 was 'average' or 'poor' please specify the nature of the problem below

Feedback	SADIS Manager Comment
As mentioned before, Middle East SigWX charts are at times unavailable from the primary source (London WAFC). Lately, this problem has been repetitive, during consecutive days. Also, some rare (and temporal) problems with aviation charts have been encountered, after the completion of server back-up tests from SADIS.	*This may be referring to the backup mode operated from November 2024 to January 2025 where each WAFC was taking turns. The EGRR (WAFC London files) always get published even if WAFC Washington made them for us*
Give training of all staff of Aeronautical Meteorological Center and give support to center of aeronautcal meteorology to organization your service	*The SADIS manager is available to answer questions.*

19. During the last year, did you need to contact the Service Desk?

	Percent
Yes	21.8
No	88.2

20. If your answer to question 21 was 'Yes", was the technical support provided by the service desk satisfactory?

	Percent
Yes	98.9
No	1.1

21. If your answer to question 22 was 'No' please explain the nature of the problem that was experienced

Feedback	SADIS Manager Comment
In principal the helpdesk by phone works fine but we have experienced a different service level based on the staff member present. In most cases the issue is resolved quickly and a ticket is produced directly. Sometimes the answer is a bit slow (a few hours) and an additional phone call is required to issue the ticket. Ideally a ticket is directly created when we call and raise an issue/incident and would ideally receive a ticket confirmation directly via the mailbox procesbewaker@knmi.nl	*This will be fed back to the first and second line support teams for SADIS.*

22. Were SADIS administrative messages sufficient to keep you advised of the status of SADIS services?

	Percent
Yes	98.9
No	1.1

23. your answer to question 22 was 'no' please explain the nature of the problem

Feedback	SADIS Manager Comment
Administrative messages are usually late. Messages may be provided proactively.	*It is the nature of the SADIS service that sometimes administrative messages are only issued once something has gone wrong.*

24. When do you plan to transition to using the new SADIS API?

Feedback
hopefully by the end of 2025
soon
The transition to the new SADIS API reply is planned for 2026.
Australia is currently underway with the transition from the SADIS FTP to API for Aviation data and products. For the remainder of information transition, this is in the pipeline of work but is likely in the 18-24 month period.
Currently we use the SADIS API only on a test system. Before transition to the SADIS API, the usage and provision of the new gridded data with higher resolution needs to be clarified and also possible impact on internal systems. Currently there is no defined point in time for starting the transition process.

Q2 2025. However SADIS API can currently not be used as backup for TAC and IWXXM OPMET AFS flow, due to splitting up of messages in individual stations.
3/4 of 2025
Date non encore définie à ma connaissance *Translation: Date not yet set to my knowledge*
We currently have no plans for this transition, but this may happen in the next few years. I was not aware of the new SADIS API, so have no plans to use it at the moment.
By June 2025
2025
In 2025
As soon as possible but certainly not later than Q4 2027.
During the year 2025
We are investigating when at the moment
In 2027
No decision of exact time has been made yet.
We plan to fetch SIGWX IWXXM through API by the end of Q1/25.
No idea .
Currently in progress/evaluation. Operational use planned from Nov. 14 2024 for new highres Datasets and IWXXM SigWX information.
We are in an ongoing effort to comply with SWIM so we will adapt to SADIS API as soon as possible, probably mid-2026.
The availability of routine data will affect when we start using the new SADIS API operationally. At present, we aim to transition to the new SADIS API in Q4 2025
2025 Q1
In November December 2024
By Q4/2025 or, at the latest, by Q1/2026
We have submitted our registration order
Procurement of new SADIS Hardware with API capability is underway at the advanced stage
we will contact the Global Science Technology. the supplier of our WAFS.
Not yet planned.
Work already in progress, transition is planned on 2025 H2
In the future.
Until we have old equipment we do not plan to use Sadis-API yet.
not known yet; as soon as the system supplier is capable to do the necessary system updates
I don't now, Its' depends on weather management at ASECNA headquarters
Le projet est en cours à la Direction Générale de l'ASECNA *Translation: The project is underway at the General Management of ASECNA*
Technical team working on it.
In late 2024 - early 2025
In the next two years, depending on the time frame of upgrading the system we use for receiving and visualizing data from the SADIS.
As yet we do not have a planned date although we have started testing (possibly will be using it at the end of 2025)
2025
By 2027
2025
In the following 2 years. We need to consult our software developers and we are currently in an upgrade of one of our systems.
It will be according to the upcoming updates as per the administrative plan.
Late 2025 in best case & very optimistic scenario. More realistic is 2026
Q1 2025

the transition plan to SADIS API is on-going
The plan of the use SADIS API is 2025
feb 2025
Fin 2025
In the next two years, depending on the time frame of upgrading the system we use for receiving and visualizing data from the SADIS.
end of 2024/ 1Q 2025
mid 2025
We contacted our Vendor who will install the new SADIS API by the beginning of next year.
Not sure - to be discussed internally with technical teams.
The plan is that under 2025 we will look at the new SADIS API to replace SADIS FTP.
next year.
The new API is planned to be used before December 2025 via the earlier mentioned project BREM/OPMET replacement. To note: concerning the implementation we have some technical questions on the content of the data, and may require some assistance from SADIS provider
"Nous prévoyons de passer à l'utilisation de la nouvelle API SADIS dans les prochains mois, une fois que nous aurons effectué les mise à jour et les tests nécessaires pour garantir la compatibilité avec nos systèmes existants. Nous sommes en train de planifier l'intégration progressive dans notre infrastructure afin d'améliorer l'accès aux données et l'efficacité de nos opérations." *Translation: We plan to transition to using the new SADIS API in the coming months, once we have completed the necessary updates and testing to ensure compatibility with our existing systems. We are currently planning the gradual integration into our infrastructure to improve data access and the efficiency of our operations.*
2026
2026
We do not plan to transition to using the new SADIS API in the short term, as it requires a software upgrade, but a project to upgrade the software was suspended due to the war russia against Ukraine. It will be resumed after the war end, provided sufficient financial resources are available.
Before the middle of November, subject to the upgrade of our platform.

25. If you have any additional comments or feedback on the current SADIS service please write them below.

Feedback	SADIS Manager Comment
Besoin de la description et intérêt d'utilisation de certains paramètres tels que: STDF, MDJF_850, ADVR, ABVR, DVAL, TFPR, RT85, ADTW (sur WAFC de Londres, Washington et Météo France 1.5) et param. 37 Cal. 19 Disc. 0 , param. 30 Cal. 19 Disc. 0 (sur Aladin. *Translation: Need the description and interest of using some parameters such as: STDF, MDJF_850, ADVR, ABVR, DVAL, TFPR, RT85, ADTW (on WAFC London, Washington and Météo France 1.5) and param. 37 Cal. 19 Disc. 0, param. 30 Cal. 19 Disc. 0 (on Aladin.*	*Parameter 30 is Icing Severity. It was added to the WMO GRIB2 parameter codes in 2020.* *The other data listed here does not relate to WAFS.*
Please check the biases linked to the SADIS system to avoid truncations and modifications in the content of messages received since their transmissions via AMHS	*We publish the data received over the AMHS from ROC London. We don't truncate the messages, but we do split the*

	IWXXM messages into individual files.
1. Discrepancies were found between SIGWX BUFR data and the corresponding PNG charts for thirty-nine times in 2024, representing an increase of 62.5% from 2023, including: - seven cases of a jet with flight level higher than a chart level in the SIGWX BUFR data but not in the corresponding PNG chart (e.g. a FL480 jet in a FL100-450 SAS SIGWX BUFR data valid on 21 Aug 2024 at 06Z) - four cases of inconsistent jet between the SIGWX BUFR data and the corresponding PNG chart (e.g. missing a jet in the corresponding PNG chart of FL100-450 SAS SIGWX BUFR data valid on 21 Mar 2024 at 18Z) - one case of missing CAT in the SIGWX BUFR data but not in the corresponding PNG chart (e.g. missing a CAT in FL100-450 SAS SIGWX BUFR data valid on 1 Oct 2024 at 18Z) -one case of misspelling the TC name in the SIGWX BUFR data (e.g. misspelling the TC name Prapiroon in BUFR data valid on 22 Jul 2024 at 12Z) - one case of having same convective cloud with an abnormal outline in SIGWX BUFR data (e.g. convective cloud with an abnormal outline in FL100-450 MEA SIGWX BUFR data valid on 5 Jan 2024 at 18Z) - sixteen cases of differences between SIGWX BUFR data and the corresponding PNG chart (e.g. differences between FL100-450 MEA SIGWX BUFR data valid on 18 Feb 2024 at 18Z and the corresponding PNG chart) -nine cases of no information in SIGWX BUFR data (e.g. no information in FL100-450 SAS SIGWX BUFR data valid on 10 Feb 2024 at 18Z) 2. There were product delays or missing data from WAFS London for the valid time on 31 Jan 2024 at 12Z, 12 Apr 2024 at 18Z, 13 Apr 2024 at 00Z, 29 Apr 2024 at 06Z, 23 Jul 2024 at 12Z and 6 Aug 2024 at 00Z. 3. The non-harmonized version of CB cloud, Icing and Turbulence WAFS forecasts in GRIB2 format valid on 16 Apr 2024 at 06Z, 12Z & 18Z; 17 Apr 2024 at 00Z, 06Z, 12Z &18Z; 18 Apr 2024 at 00Z; 2 May 2024 at 12Z, 6 May 2024 at 18Z; 11 Jul 2024 at 12Z, 12 Jul 2024 at 12Z and 15 Oct 2024 at 00Z were published. Despite WAFC issuing administrative messages to alert users, the frequent discrepancies in the GRIB2 data from WAFS could potentially cause confusion to users.	*Thank you for noting these discrepancies. As the SIGWX forecasts for most of the year were produced by a human being, from time to time there can be omissions or mistakes. There was also a period in November 2024 to January 2025 in which the WAFC's were operating in continual backup mode.* *A change to automated production of SIGWX BUFR data and charts in January 2025 should eliminate these type of errors from occurring in future.* .
Thank you very much. we always got email from SADIS administration.	*Thank you*
You have IWXXM file storage system that is hard to use. For us to find the SIGMET/AIRMET of our interest in IWXXM format takes time and we have to look through several compresses files containing data for 1 minute. It takes time and resources. Less time consuming IWXXM bulletin sorting system would be welcomed.	*The publishing of IWXXM data on SADIS FTP was an initial, quick, way of making this data available to users. For using IWXXM data please consider*

	using the SADIS API system instead.
We sincerely thank the UK MET Office team for the high level of SADIS service quality.	*Thank you*
SADIS is very good, but for our country we are using it little now because many windows require payment to be able to use it. But it helps a lot.	*Thank you*
satisfactory SADIS service	*Thank you*
The SADIS FTP works well to respond to the customer needs	*Thank you*
I m the focal point QMS of S.Tomé e Príncipe at level Aeronautical Meteorological i need support of ICAO INAC and ENASA to make training in SADIS API and AMHS for to go broadcast the knowledge at all staff that to work in aeronautical meteorology	*The SADIS manager can assist with questions about the SADIS API.*
For this year, the reliability of SADIS service in (ASECNA Sénégal site) is good and we hope to have at least the same situation in the next year.	*Thank you*
The service runs smoothly and reliable. The system and admin messages are working fine, no significant issues experienced. Keep up the good work! The importance and usability of the SADIS administrative messages is highlighted.	*Thank you*

26. If you have any suggestions about how to improve the SADIS service in future, please write them below.

Feedback	SADIS Manager Comment
For the protection of low-altitude flights, we would like SADIS RTP to add us to the WINTEM maps at levels FL015 and FL025	*This is outside the remit of the WAFCs to provide data for the en-route phase of flight.*
Améliorer le système pour permettre une suppression groupée des dossiers de vol programmés dans le système. *Translation: Improve the system to allow bulk deletion of flight records scheduled in the system*	*This comment relates to the users own system and not SADIS.*
Ensure regular updating of model outputs	*WAFS model data is updated every 6 hours.*
We propose to integrate space weather warning data in SIGWX charts in the event of forecasting the occurrence of space weather phenomena	*This will be discussed by the MOG-WAFS meeting, but it may not be practical.*
We suggest the availability of Wind/temperatue/humidity at FL020 and FL030 for VFR flight.	*This is outside the remit of the WAFCs to provide data for the en-route phase of flight*
As SIGWX BUFR and GRIB2 data are official and vital for flight planning systems to function, there is room for improvement in terms of accuracy and reliability.	*We try our hardest to provide a reliable service.*
SADIS services team, should provide seminar or any training to member state of ICAO in APAC Regional office, ICAO.	*The SADIS manager may be able to assist, if a request is made from the ICAO Secretariat at a regional office.*
Improve the model resolution Make avalaible MTG products in SADIS	*Higher resolution data is now available on the SADIS API.*

	Provision of satellite imagery is not within our remit as a WAFC.
The SADIS provider should allow SADIS FTP and SADIS API to be used concurrently until all user states are able to migrate to SADIS API .	*This is available right now.*
Give support to implementation the QMS Aeronautical Meteorology in S.Tome e Príncipe	*The SADIS manager is not an expert in QMS principles.*
My suggestion is to encourage SADIS in reinforcing the FTP service safety because safety questions are more and more complex with the development of the cyberthreats.	*The SADIS FTP service will not be updated further, but the new SADIS API which will replace it has a higher level of security and is SWIM compliant.*
1) It would be nice if it was possible to go back to the previous page to check or adjust a response. 2) Information and guidance is being provided on the updates of WAFC and the information. Still, it would be appreciated to provide more guidance and support regarding upcoming WAFS/SADIS/WIFS changes/developments regarding data formats, volume sizes and data distribution systems on the Met Office / WAFC LONDON website.. 3) Guidance on how to deal with OPMET messages in both TAC and IWXXM formats, and the manner in which these are distributed, would be appreciated. The most recent information is that TAC format for OPMET data will remain in ICAO Annex 3 as standard until at least 2030 (or beyond), meaning that the answer to this question can be postponed for many years.	*1) This is not possible within the survey software unfortunately.* *2) The SADIS API is now available and has a user guide which gives answers to many of the questions posed here. Contact the SADIS manager for information* *3) This is something that the MET Panel Met Information Exchange Workstream is going to look at during the next year or two.*
Le service SADIS dans son ensemble a répondu à nos attentes, et nous sommes également intéressés par l'implémentation complète de l'API SADIS, qui semble prometteuse pour faciliter l'intégration des données dans nos systèmes. *Translation: The SADIS service as a whole has met our expectations, and we are also interested in the full implementation of the SADIS API, which seems promising for facilitating data integration into our systems.*	*Thank you.*