

TABLE ASBU-EUR-AMETB0: METEOROLOGICAL INFORMATION SUPPORTING ENHANCED OPERATIONAL EFFICIENCY AND SAFETY**Description and purpose**

Global, regional and local meteorological information:

- a) forecasts provided by world area forecast centres (WAFc), volcanic ash advisory centres (VAAC) and tropical cyclone advisory centres (TCAC);
- b) aerodrome warnings to give concise information of meteorological conditions that could adversely affect all aircraft at an aerodrome including wind shear; and
- c) SIGMETs to provide information on occurrence or expected occurrence of specific en-route weather phenomena which may affect the safety of aircraft operations and other operational meteorological (OPMET) information, including METAR/SPECI and TAF, to provide routine and special observations and forecasts of meteorological conditions occurring or expected to occur at the aerodrome.

This module includes elements which should be viewed as a subset of all available meteorological information that can be used to support enhanced operational efficiency and safety.

Main performance impact:

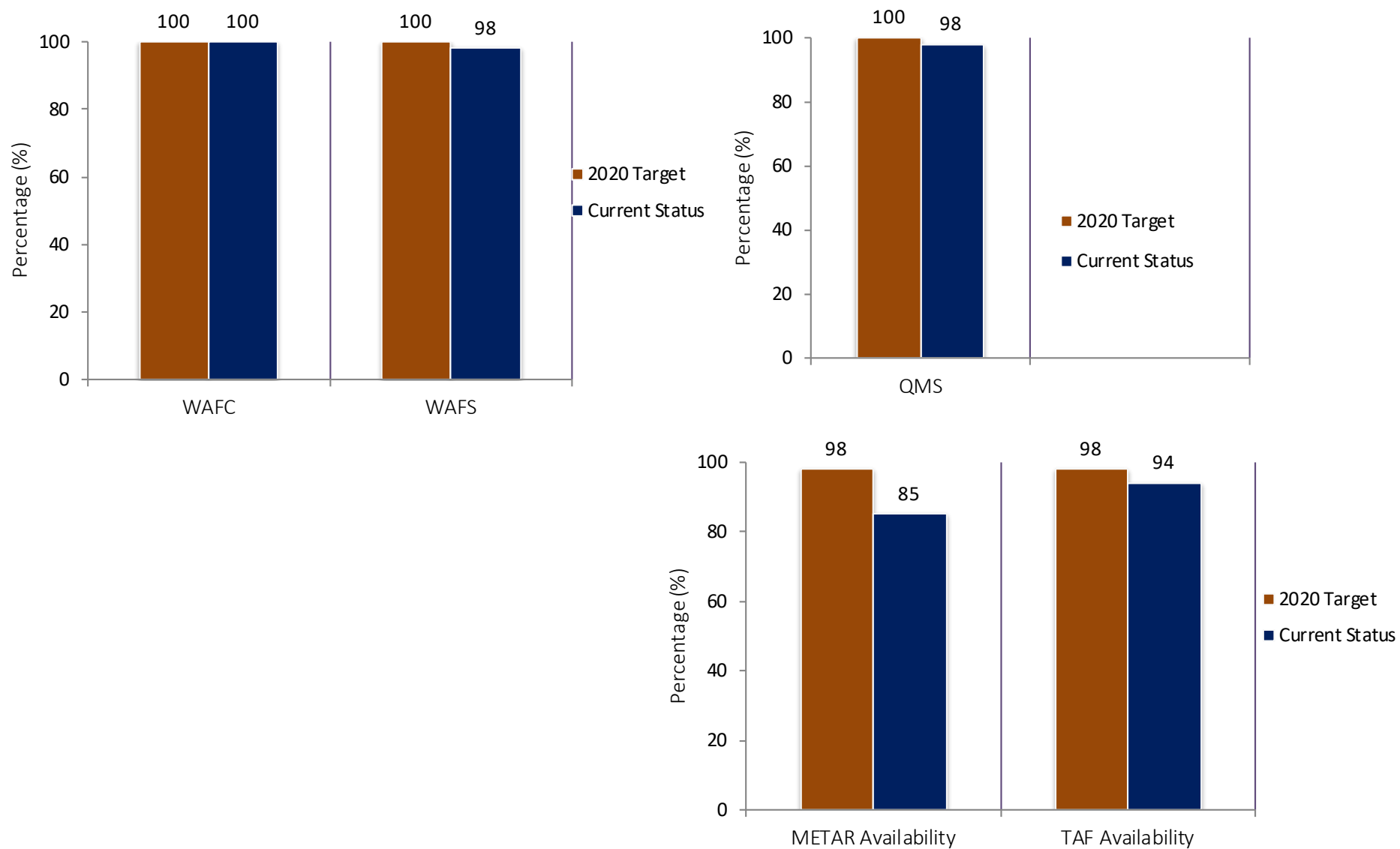
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|-----------------------------|-------------------|---------------------|----------------------|-----------------|
| KPA- 01 – Access and Equity | KPA-02 – Capacity | KPA-04 – Efficiency | KPA-05 – Environment | KPA-10 – Safety |
| N | Y | Y | Y | Y |

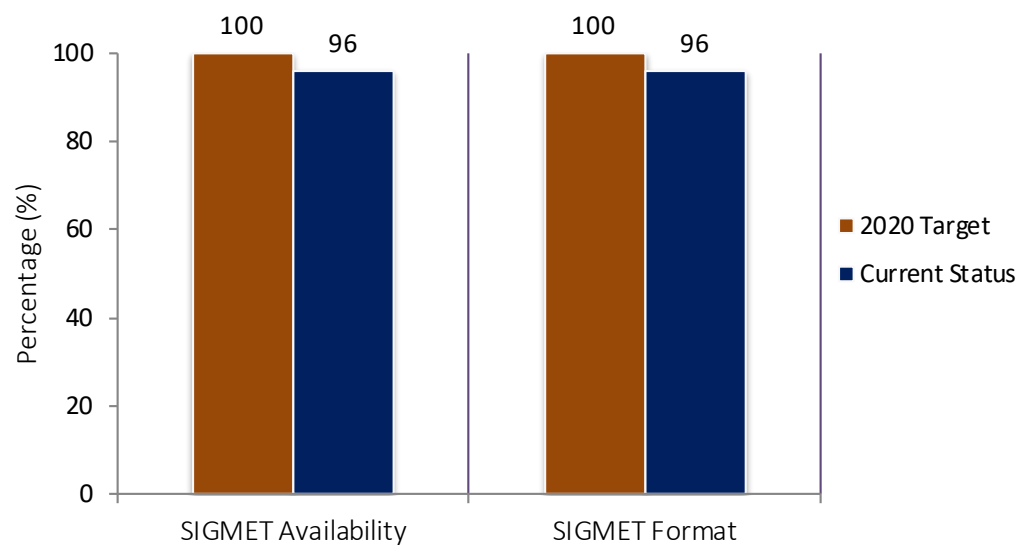
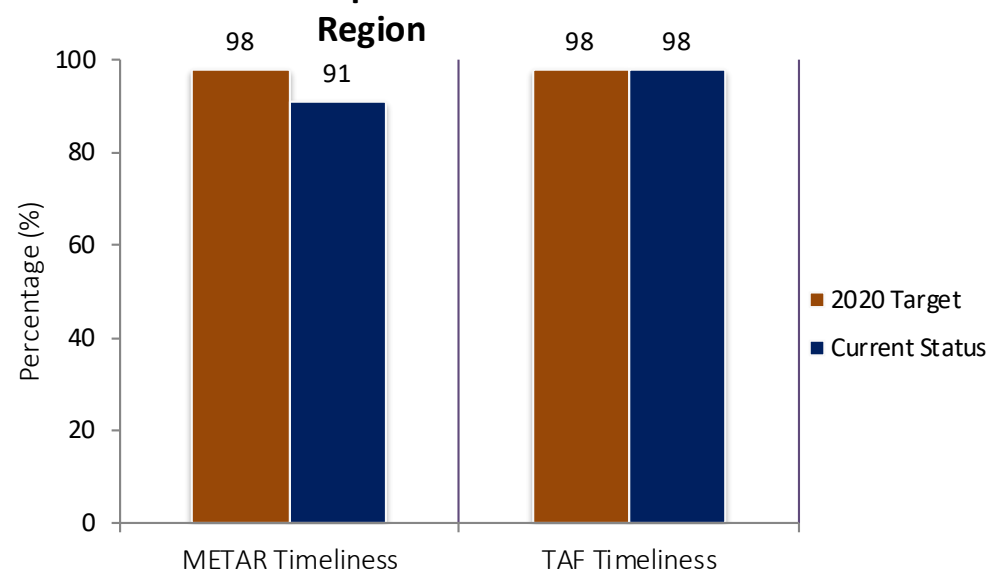
Applicability consideration:

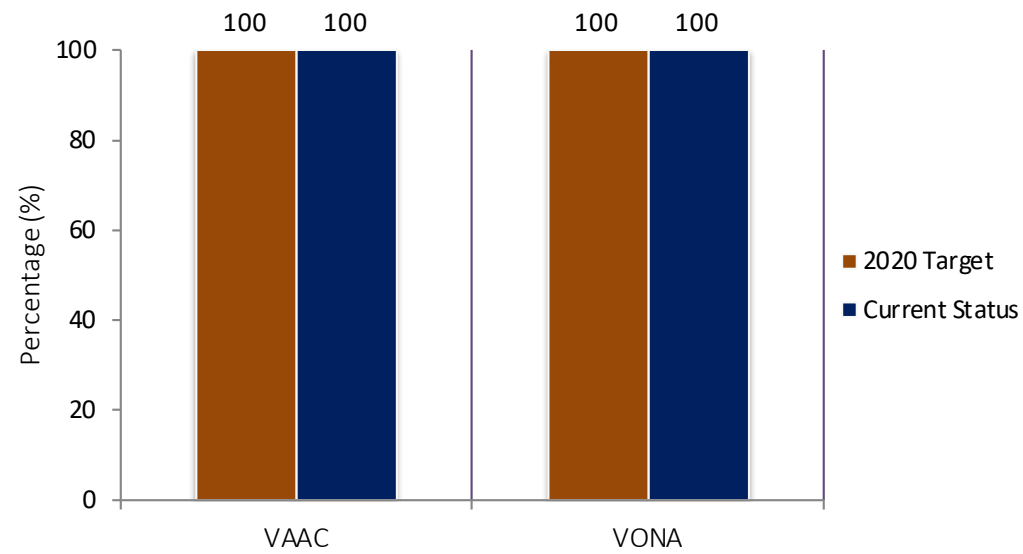
Applicable to traffic flow planning, and to all aircraft operations in all domains and flight phases, regardless of level of aircraft equipage.

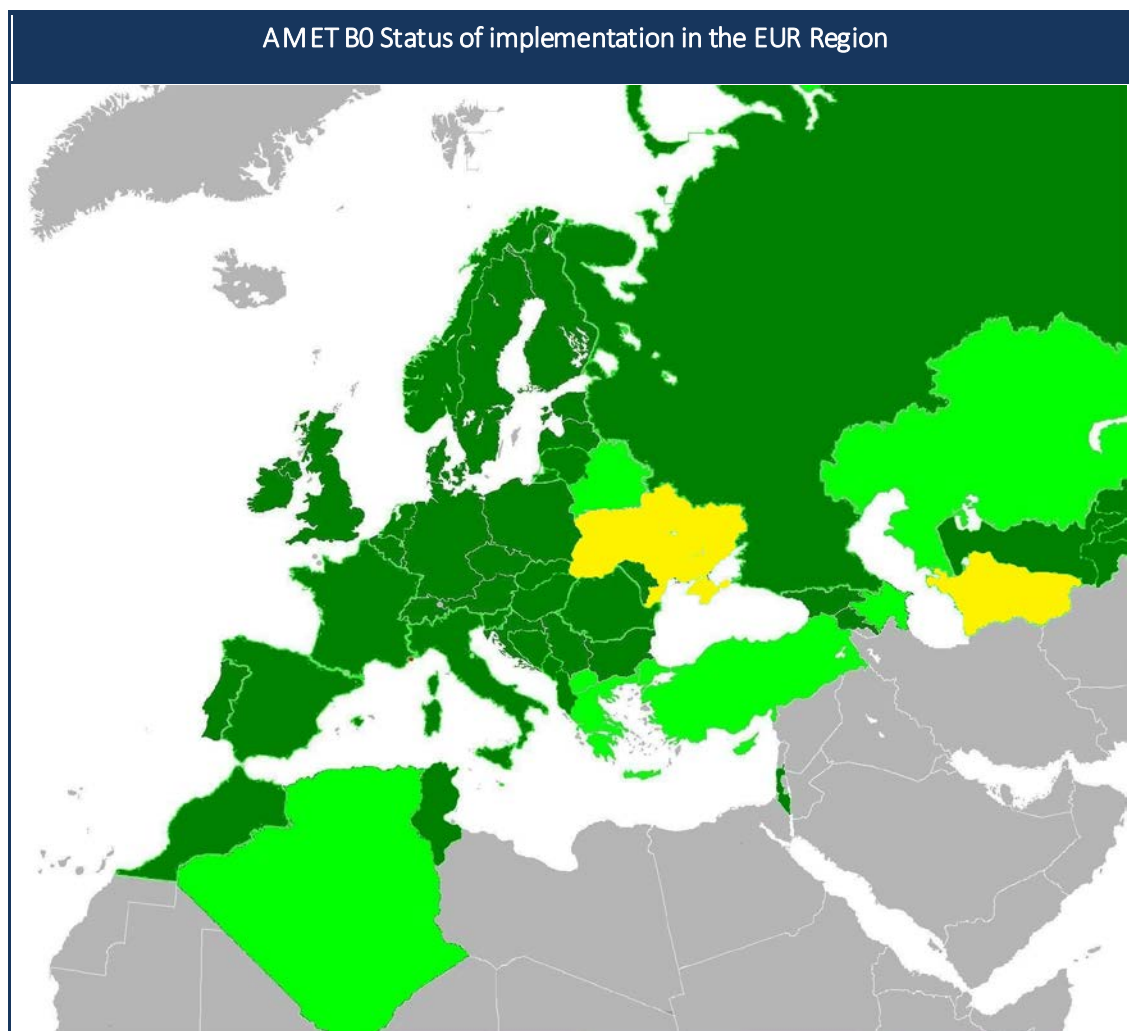
| <i>Elements</i> | <i>Applicability</i> | <i>Performance Indicators/Supporting Metrics</i> | <i>Targets</i> |
|--------------------|----------------------|--|------------------|
| WAFS | <i>All States</i> | Indicator: % of States using WAFS data. Supporting metric: number of States having implemented SADIS FTP | 100% by Dec 2020 |
| QMS | <i>All States</i> | Indicator: % of States having implemented QMS for MET Supporting metric: number of States having implemented QMS for MET | 100% by Dec 2020 |
| METAR Availability | <i>All States</i> | Indicator: % of States providing METAR as per requirements in the ANP, Volume II Table MET II-2 Supporting metric: number of States providing METAR as per requirements in the ANP Volume II Table MET II-2 | 98% by Dec 2020 |

| <i>Elements</i> | <i>Applicability</i> | <i>Performance Indicators/Supporting Metrics</i> | <i>Targets</i> |
|---------------------|---|--|------------------|
| TAF Availability | <i>All States</i> | Indicator: % of States providing TAF as per requirements in the ANP, Volume II Table MET II-2 Supporting metric: number of States providing TAF as per requirements in the ANP Volume II Table MET II-2 | 98% by Dec 2020 |
| METAR Timeliness | <i>All States</i> | Indicator: % of States providing METAR in the time required as defined in Annex 3 Supporting metric: number of States providing METAR in the time required as defined in Annex 3 | 98% by Dec 2020 |
| TAF Timeliness | <i>All States</i> | Indicator: % of States providing TAF in the time required as defined in Annex 3 Supporting metric: number of States providing TAF in the time required as defined in Annex 3 | 98% by Dec 2020 |
| SIGMET Availability | <i>All with a FIR</i> | Indicator: % of States providing SIGMET Supporting metric: number of States providing SIGMET | 100% by Dec 2020 |
| SIGMET Format | <i>All with a FIR</i> | Indicator: % of States providing SIGMET format in accordance with WMO AHL in the List of EUR SIGMET and AIRMET headers Supporting metric: number of States providing SIGMET format in accordance with WMO AHL in the List of EUR SIGMET and AIRMET headers | 100% by Dec 2020 |
| VAAC | <i>France, United Kingdom</i> | Indicator: % of VAACs in or serving the EUR Region that provide Annex 3 volcanic ash products (Volcanic Ash Advisories (VAA) and Volcanic Ash Advisories in Graphic Form (VAG)) Supporting metric: number of States hosting a VAAC having implemented VAA/VAG | 100% by Dec 2020 |
| VONA | <i>Italy, Russian Federation, Spain</i> | Indicator: % of Volcano Observatories in the EUR Region that provide volcano observatory notice for aviation (VONA) as per the Handbook on the International Airways Watch (IAVW) (Doc 9766) Supporting metric: number of States with Volcano Observatory having implemented VONA | 100% by Dec 2020 |
| WAFC | <i>United Kingdom</i> | Indicator: % of WAFCs in the EUR Region that provide Annex 3 World Area Forecast System (WAFS) data Supporting metric: number of States hosting a WAFC having implemented Annex 3 WAFS data | 100% by Dec 2020 |

AMET B0 Status of implementation in the EUR Region

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Legend

- Completed
- Partially Completed (50%+)
- Partially Completed/Late (50%-)
- Not Started/Not Implemented
- Not Applicable
- Missing Data

The progress for AMET B0 is acceptable (with approximately 94% implementation).

Note: These high-level implementation elements are not applicable to Andorra and San Marino.

Yellow – identified in Feb monitoring 2023 (existed and status has not changed)

Amber – first identified in Feb monitoring 2024 (new)

Light Green – identified in Feb monitoring 2023 and corrected by Feb 2024

Dark Green – implemented correctly for both Feb 2023 and 2024 monitoring

Red – on the list of air navigation deficiencies

Blue – not applicable

| Module | Elements | Albania | Algeria | Armenia | Austria | Azerbaijan | Belarus | Belgium | Bosnia and Herzegovina | Bulgaria | Croatia | Cyprus | Czechia | Denmark | Estonia | Finland |
|---------|---------------------|---------|---------|---------|---------|------------|---------|---------|------------------------|----------|---------|--------|---------|---------|---------|---------|
| AMET B0 | WAFS | | | | | | | | | | | | | | | |
| | QMS | | | | | | | | | | | | | | | |
| | METAR availability | | | | | | | | | | | | | | | |
| | TAF availability | | | | | | | | | | | | | | | |
| | METAR timeliness | | | | | | | | | | | | | | | |
| | TAF timeliness | | | | | | | | | | | | | | | |
| | SIGMET availability | | | | | | | | | | | | | | | |
| | SIGMET format | | | | | | | | | | | | | | | |
| | VAAC | | | | | | | | | | | | | | | |
| | VONA | | | | | | | | | | | | | | | |
| | WAFS | | | | | | | | | | | | | | | |
| | WAFS | | | | | | | | | | | | | | | |

| Module | Elements | France | Georgia | Germany | Greece | Hungary | Ireland | Israel | Italy | Kazakhstan | Kyrgyzstan | Latvia | Lithuania | Luxembourg | Malta | Monaco |
|---------|---------------------|--------|---------|---------|--------|---------|---------|--------|-------|------------|------------|--------|-----------|------------|-------|--------|
| AMET B0 | WAFS | | | | | | | | | | | | | | | |
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| | TAF availability | | | | | | | | | | | | | | | |
| | METAR timeliness | | | | | | | | | | | | | | | |
| | TAF timeliness | | | | | | | | | | | | | | | |
| | SIGMET availability | | | | | | | | | | | | | | | |
| | SIGMET format | | | | | | | | | | | | | | | |
| | VAAC | | | | | | | | | | | | | | | |
| | VONA | | | | | | | | | | | | | | | |
| | WAFS | | | | | | | | | | | | | | | |
| | WAFS | | | | | | | | | | | | | | | |

| Module | Elements | Montenegro | Morocco | Netherlands | North Macedonia | Norway | Poland | Portugal | Republic of Moldova | Romania | Russian Federation | Serbia | Slovakia | Slovenia | Spain | Sweden |
|---------|---------------------|------------|---------|-------------|-----------------|--------|--------|----------|---------------------|---------|--------------------|--------|----------|----------|-------|--------|
| AMET B0 | WAFS | | | | | | | | | | | | | | | |
| | QMS | | | | | | | | | | | | | | | |
| | METAR availability | | | | | | | | | | | | | | | |
| | TAF availability | | | | | | | | | | | | | | | |
| | METAR timeliness | | | | | | | | | | | | | | | |
| | TAF timeliness | | | | | | | | | | | | | | | |
| | SIGMET availability | | | | | | | | | | | | | | | |
| | SIGMET format | | | | | | | | | | | | | | | |
| | VAAC | | | | | | | | | | | | | | | |
| | VONA | | | | | | | | | | | | | | | |
| | WAFC | | | | | | | | | | | | | | | |

| Module | Elements | Switzerland | Tajikistan | Tunisia | Turkiye | Turkmenistan | Ukraine | United Kingdom | Uzbekistan |
|---------|---------------------|-------------|------------|---------|---------|--------------|---------|----------------|------------|
| AMET B0 | WAFS | | | | | | | | |
| | QMS | | | | | | | | |
| | METAR availability | | | | | | | | |
| | TAF availability | | | | | | | | |
| | METAR timeliness | | | | | | | | |
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| | SIGMET format | | | | | | | | |
| | VAAC | | | | | | | | |
| | VONA | | | | | | | | |
| | WAFC | | | | | | | | |