

Weather Service Offices are coordinating under the Federated States of Micronesia

There are three Weather Service Offices (WSOs) servicing the Federated States of Micronesia nation.

Weather Service Office – Pohnpei

Weather Service Office – Chuuk

Weather Service Office – Yap

Population for FSM
103, 169 (July 2020 est.) by
National Planning and
statistic office - Chuuk

Chuuk flag with 40 stars – 45, 973

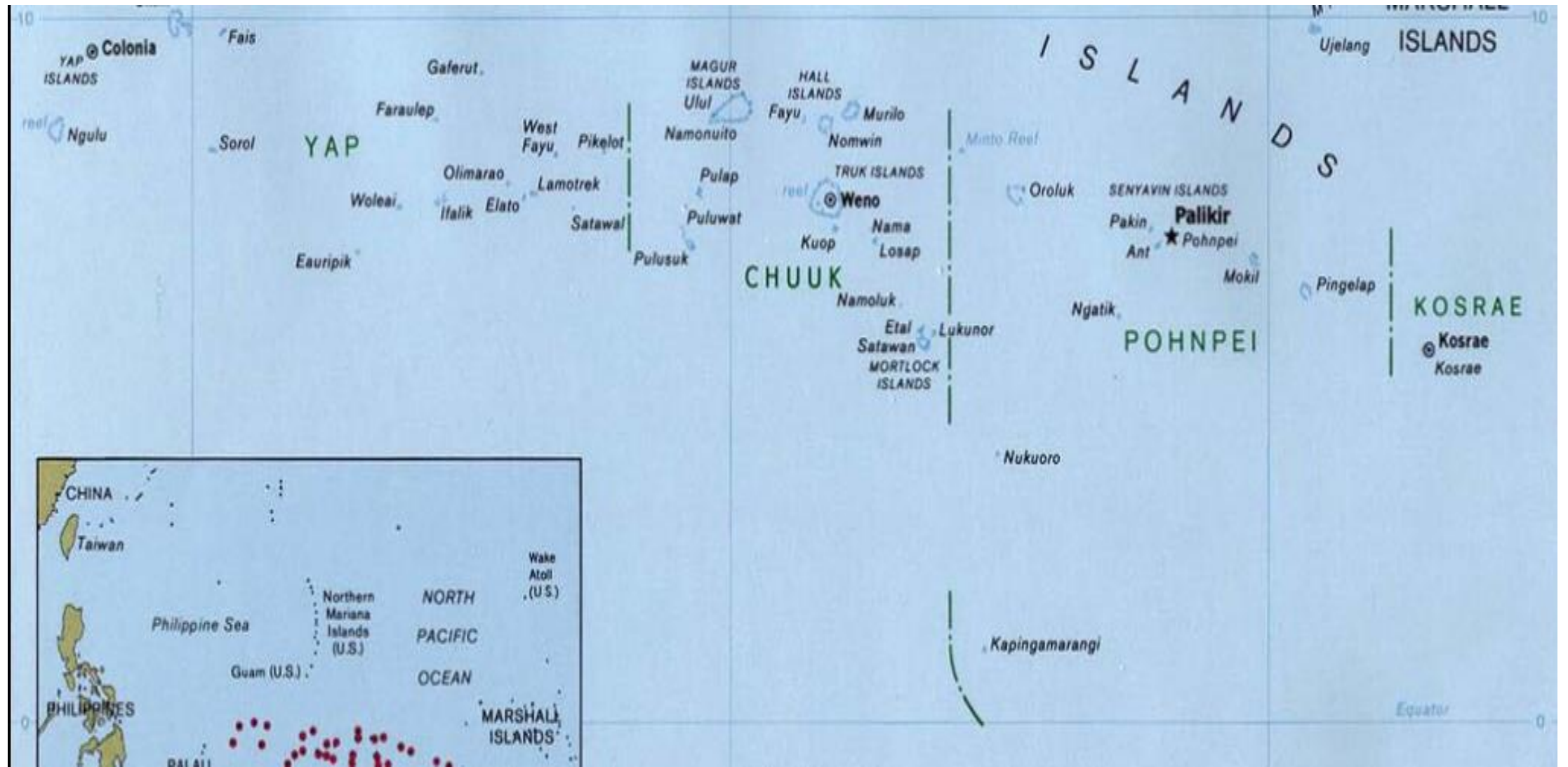
Pohnpei flag with 6 stars – 39, 282

Yap flag with one star – 11, 867

Kosrae flat with four stars – 6, 047



Federated States of Micronesia: Yap, Kosrae, Pohnpei and Chuuk (Truk) 702 sq. km



Two major tasks at each Weather Service Office

Surface observations

- Metar/Special
- Wind direction
- Wind speed
- Temperature
- Dew point temperature
- Cloud
- Weather phenomena
- Pressure

Upper air observation

- MROS/Special
- Wind direction
- Wind speed
- Temperature
- Dew point temperature
- Relative humidity
- Pressure

Meteorologist in Charge/Official in Charge

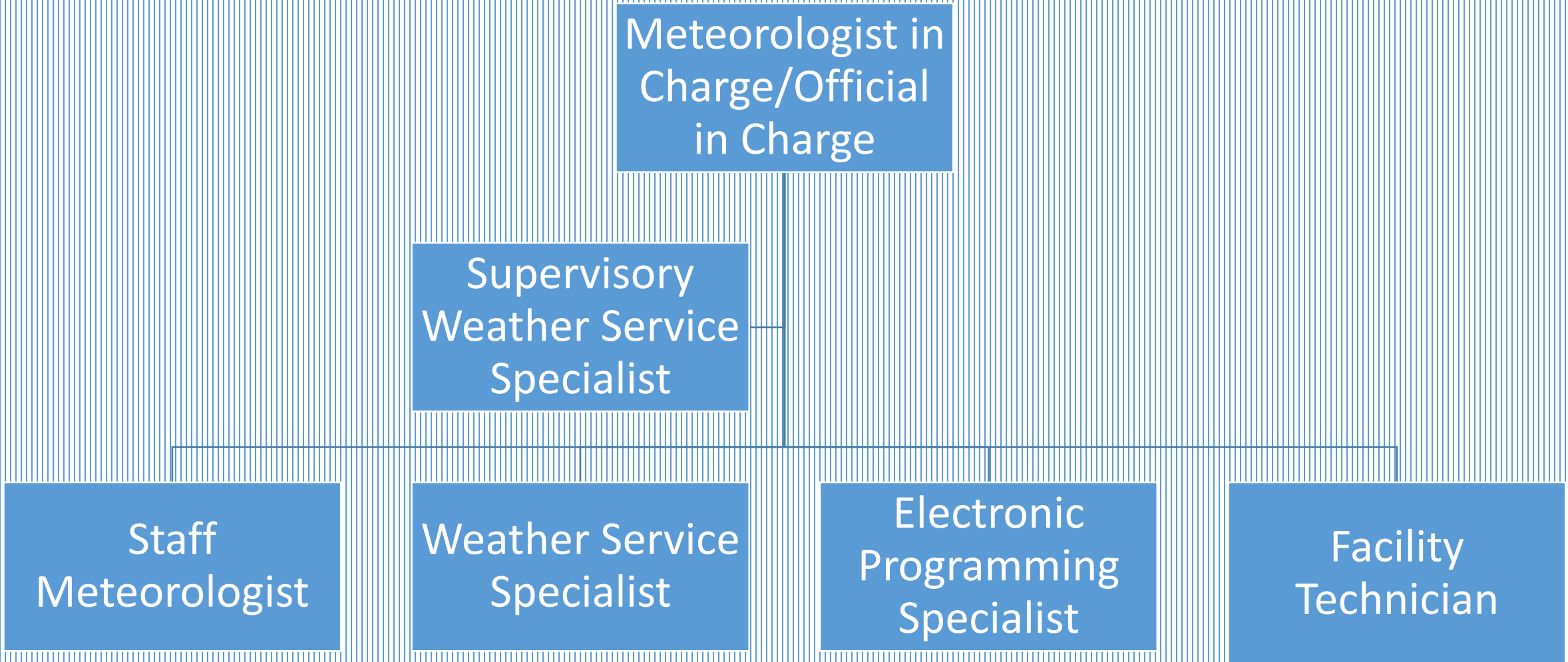
Supervisory Weather Service Specialist

Staff Meteorologist

Weather Service Specialist

Electronic Programming Specialist

Facility Technician



Responsibility and assignment for the SWSS and WSSs

Supervisory Weather Service Specialist (SWSS)

- Make schedule for the staff
- Send time sheet to Coordinating office in Pohnpei and in turn, our Coordinating office submit a complete time sheet for all WSOs in one sheet to FSM Finance headquarter for processing payroll.
- In the absence of the MIC/OIC, SWSS will be acting manager, not necessarily making decision but only carrying out the daily tasks of a manager, as to running the station.
- Likewise if a WSS is absence or on vacation, SWSS will be pulling his or her shift work or make arrangement for a reliever to cover for the WSS who is on leave.
- Checking on the daily forecast updates; if it was not updated, SWSS has to remind the duty officer to update the daily weather forecast(updates every twelve hours; 5am and 5pm. On a Daily basis).
- Make sure all the climate data and daily assignment and task are updated.
- These updates will include METAR([METeorological Aerodrome Reports \(METARs\)](#)), special observations, upper air observations, climate reports, cooperative site report, like rainfall, etc.
- Make request for payment for supplies purchase on account with the endorsement of the MIC/OIC

Weather Service Specialist

- A shift (4am-12 noon)
- Assume responsibility
- take metars([METeorological Aerodrome Reports](#)) and/or special observations when criteria is met.
- Update forecast on recorded device-interalia at 5am. (updates are at every 12 hours; 5am. And 5 pm.).
- 7-8am. Take barometer comparison.
- 8am., turn on MROS and update the administration and baseline.
- 8:30am., inflate balloon.
- 9am., launch the balloon for the 00z upper air observation.
- 9:30-10am. Receive synoptic and surf observations from the outer island site and transmit their observations and report via EDIS.
- Updates the Weather Coder III and Electronic F-6
- Update the station logbook for any unusual bad or good event that worth recording.
- In between the observations, WSS will be checking observations for error and make correction in col65 on the mapso program.
- Brief the incoming shift.

Assignment and responsibility of WSSs

WSSs (shift 12noon-8pm)

- 12 noon-8pm., assume responsibility.
- Receive brief from outgoing shift.
- Take metar observation and special observations when criteria meets.
- 4pm. Take synoptic and surf observations.
- Empty tipping and backup bucket.
- 5pm. Update weather forecast on recording device and send the 5pm daily forecast.
- Update electronic F-6 and weather coder III.
- In between observation, check for error.
- 8pm. Brief incoming shift.

WSSs (shift 8pm. – 4am. Next day).

- 8pm. Receive brief from outgoing shift.
- Assume responsibility
- Take metar observations and special observation when criteria is met.
- Turn on MROS, update administration and baseline page
- 8.30pm. Inflate balloon
- 9pm. Launch balloon and monitor.
- 10 pm take synoptic observations
- 12 midnight close out midnight
- 2am send daily climate for the day.
- In between observation, check for any error
- 4 pm. Take synoptic and metar observation.

Responsibility and assignment for the EPS and FACTech

Electronic Programming Specialist

- Update the preventive maintenance
- Vacuum and clean computer and components once a week.
- Test run back up power generators with full load once a month
- Preventive maintenance on power generators every month.
- Calibrate hydrogen as schedule, according the routine schedule.
- Preventive maintenance on HOGEN generator.
- Send out electrical tool kit(voltmeter) for calibration once a year
 - to Weather Forecast Office.
- * Change power generator oil every 6 month.

Facility Technician

- 8am maintain the cleanliness of the station includes emptying the trash bin.
- Check for any defeating instruments at the station, like burnt lights, water source, facet, etc.
- Maintain the lawn, trim grass in the station lawn.
- Clean the restroom
- Drop off trashes in the dumpsites.
- 3pm empty trash and fill the toilet paper.
- Extra assignment like lubrication on pulleys and other mechanical devices.
- Change power generator oil every 6 month.

Challenges and opportunities

- Set back
- Training
- On the job training.

Thank you very much

- Question and comment