

# Work Processes Schedule

## WEATHER OBSERVER (PROFESSIONAL & KINDRED)

RAPIDS: 0001N

O\*NET/SOC: 19-4099.00

REVISION DATE: 12/2014

Observes and records weather conditions for use in forecasting: Periodically observes general weather, sky and visibility conditions, reads weather instruments and records data. Operates weather information collection and communication equipment and systems.

### Applicable Ratings/MOS

USMC MOS 0847, 6821, 6842, 6852

USCG BM, MST

USN AG, QM

### Related Instruction

Any trade related schools/courses totaling 288 hours.

### Additional Requirement

None

Total Hours: **4000**

Skill	Description	Hours
A	<p><b>EQUIPMENT OPERATION</b></p> <p>Operate meteorological equipment to obtain environmental data such as: Automatic weather station, hand held anemometer, aneroid barometer, electric psychrometer, barograph, psychometric calculator, sling psychrometer, 4 inch rain gauge, transmissometer, cloud height set and wind recorder. Operate communications equipment to receive and disseminate environmental data; to include, but not limited to: Radio receivers and transmitters (and related components), telephone answering systems, and closed-circuit television systems. Operate computers to obtain operational data; to include, but not limited to: Pilot balloon observations, basic skew-T analysis, OPARS, SAR, surf and surge forecasts, sound focus forecasts, RADFO data, astronomical/climatological data and word processing.</p>	1000
B	<p><b>ROUTINE MAINTENANCE</b></p> <p>Perform operators preventive maintenance and routine checks on all meteorological and communications equipment. Observe prescribed safety precautions.</p>	500
C	<p><b>DECODE/ENCODE ENVIRONMENTAL DATA</b></p>	500
D	<p><b>WEATHER CONDITIONS</b></p> <p>Observe and record weather conditions for use in forecasting. Observe general weather, sky and visibility conditions, and read weather instruments including thermometers, barometers, and hygrometers to ascertain elements such as; temperature, barometric pressure, humidity, wind velocity, and precipitation.</p>	1500
	<p><b>WEATHER DATA COLLECTION</b></p>	

**E**

Transmit and receive weather data from other stations. Collect upper-air data on temperature, humidity, and winds using weather balloon, radiosonde equipment, and other related equipment.

500