EO M324.02 – COLLECT DRINKING WATER

1. **Performance.** Collect Drinking Water.

2. **Conditions**

   a. Given:

      (1) Survival kit,

      (2) Supervision, and

      (3) Assistance as required.

   b. Denied: N/A.

   c. Environmental: Field setting, during daylight hours, during a Weekend Bivouac FTX.

3. **Standard.** The cadet shall collect drinking water using one of the following:

   a. precipitation,

   b. dew, or

   c. condensation.

4. **Teaching Points**

TP	Description	Method	Time	Ref
TP1	Identify methods of finding water, to include: a. observing insects, amphibians and mammals; b. searching for plants; and c. searching in valley bottoms.	Interactive Lecture	5 min	C3-002 (p. 83)
TP2	Explain and demonstrate methods of collecting water, to include: a. digging wells; b. collecting precipitation; c. collecting dew; and d. collecting condensation, to include: (1) vegetation bags, and (2) transpiration bags.	Demonstration	15 min	C0-111 (pp. 462–463) C3-150 (pp. 139–146)
TP3	Explain methods of transporting water, to include: a. storage case, b. condom, c. poncho, d. natural container, and e. plastic bag.	Interactive Lecture	5 min	C3-002 (pp. 30–32)

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5. **Time**

a.	Introduction/Conclusion:	5 min
b.	Interactive Lecture:	10 min
c.	Demonstration:	15 min
d.	Total:	30 min

6. **Substantiation**

a. An interactive lecture was chosen for TPs 1 and 3 to give background information and introduce the cadets to methods of collecting water.

b. Demonstration was chosen for TP 2 as it allows the instructor to explain and demonstrate collecting water while providing an opportunity for the cadets to practice the skill under supervision.

7. **References**

a. C0-111 (ISBN 0-9740820-2-3) Tawrell, P. (2002). *Camping and Wilderness Survival: The Ultimate Outdoors Book*. Green Valley, ON: Paul Tawrell.

b. C3-002 (ISBN 0-00-653140-7) Wiseman, J. (1999). *The SAS Survival Handbook*. Hammersmith, London: HarperCollins Publishers.

c. C3-150 (ISBN 978-0-8117-3292-5) Davenport, G. (2006). *Wilderness Survival* (2nd ed.). Mechanicsburg, PA: Stackpole Books.

8. **Training Aids**

a. Survival kit,

b. Clear plastic bags,

c. Cup or pail, and

d. Shovel.

9. **Learning Aids**

a. Survival kit,

b. Clear plastic bags,

c. Cup or pail, and

d. Shovel.

10. **Test Details.** This EO is assessed IAW Chapter 3, Annex B, Appendix 7 (324 EC-02).

11. **Remarks**

a. This EO should be conducted during the allocated Bivouac FTX.

b. Cadets will be required to collect water during the Bivouac FTX.

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