

Figure 1. Bulk density (g/cm^3) of soil in the Woolsey Wet Prairie Sanctuary wetland low (WL), wetland berm (WB), and adjacent fescue field intermounds (FL) and mounds (FM) in Fayetteville, AR from February 10, March 12, and May 18, 2017. Bulk density did not change with time and samples were averaged together ($n = 12$). Means with the same letters are not statistically different ($\alpha = 0.05$).

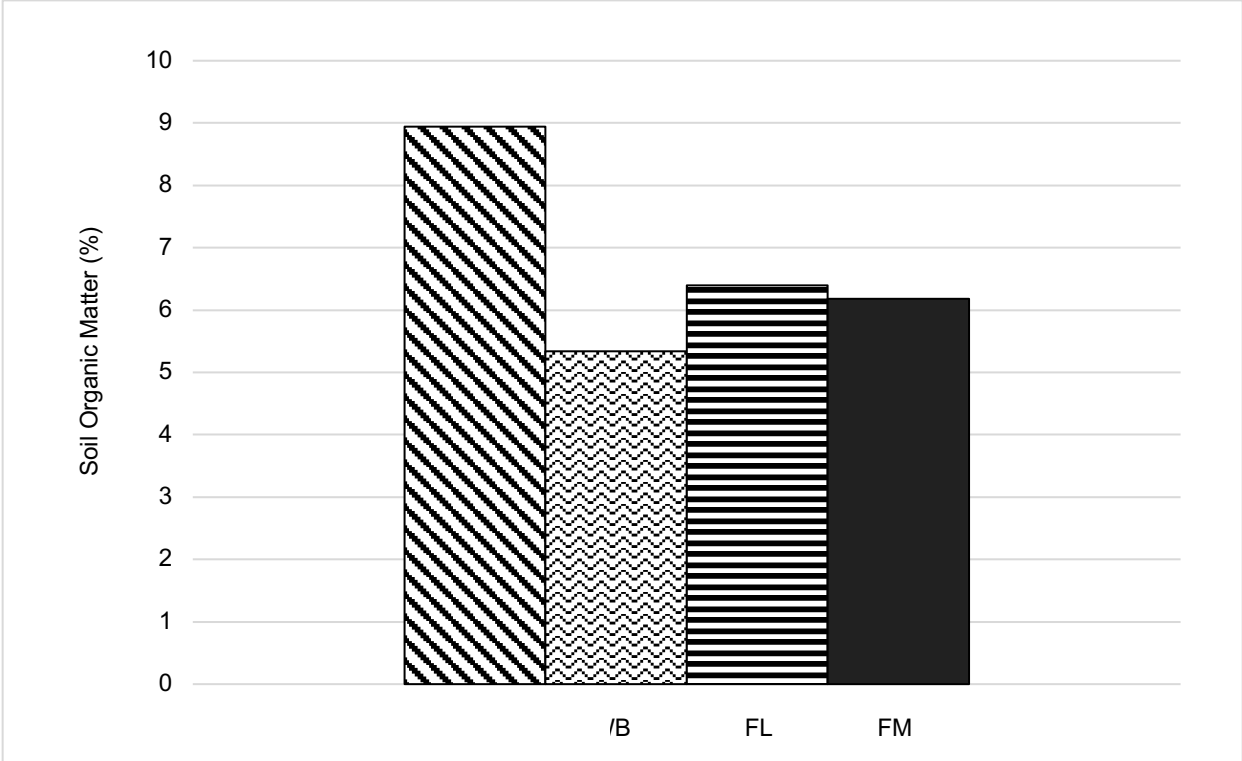


Figure 2. Soil organic matter (%) of soil in the Woolsey Wet Prairie Sanctuary wetland low (WL), wetland berm (WB) and adjacent fescue field intermounds (FL) and mounds (FM) in Fayetteville, AR from February 10 to May 18, 2017. Means with the same letters are not statistically different ($\alpha = 0.05$). Organic matter did not significantly change over time and values across dates are averaged together ($n = 12$).

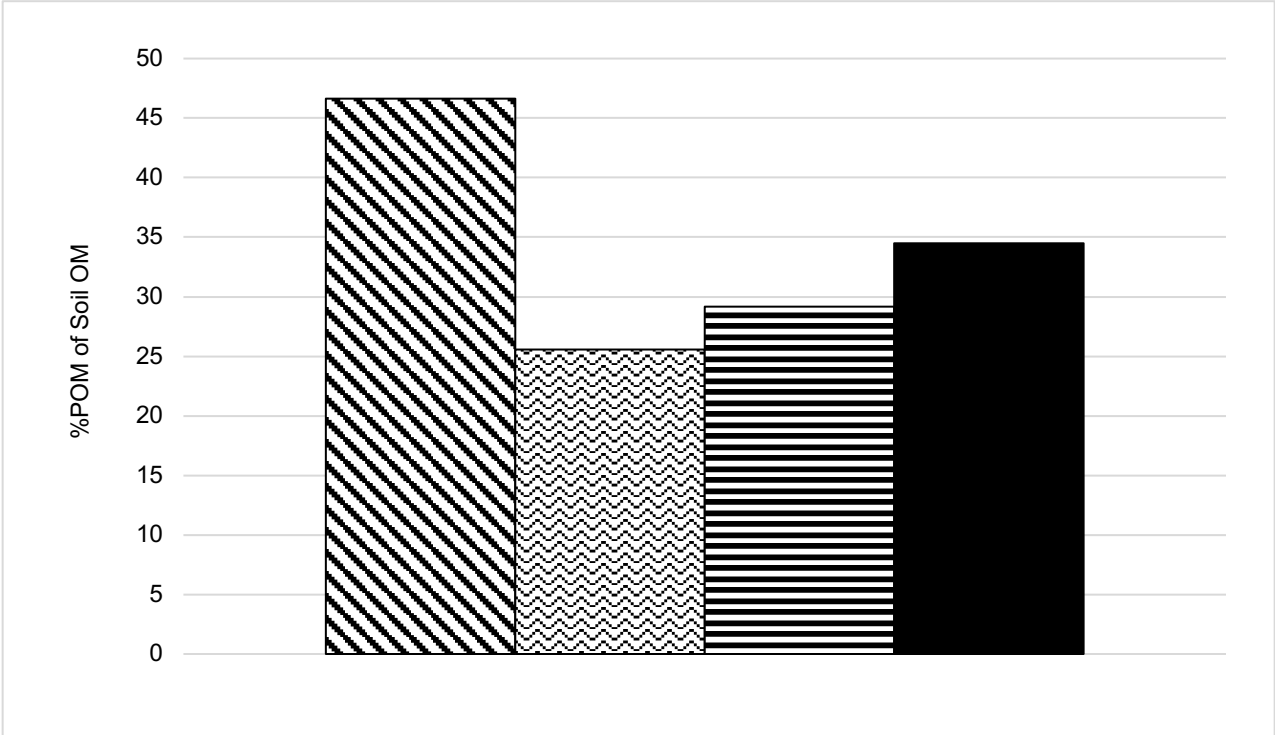


Figure 3. Particulate organic matter as a percentage of the soil organic matter (%) in the Woolsey Wet Prairie Sanctuary wetland low (WL), wetland berm (WB), and adjacent fescue field intermounds (FL) and mounds (FM) in Fayetteville, AR on February 10, March 12, and May 18, 2017. On each date, means with the same letters are not statistically different ($\alpha = 0.05$). Particulate organic matter did not significantly change over time and values across dates are averaged together ($n = 12$).

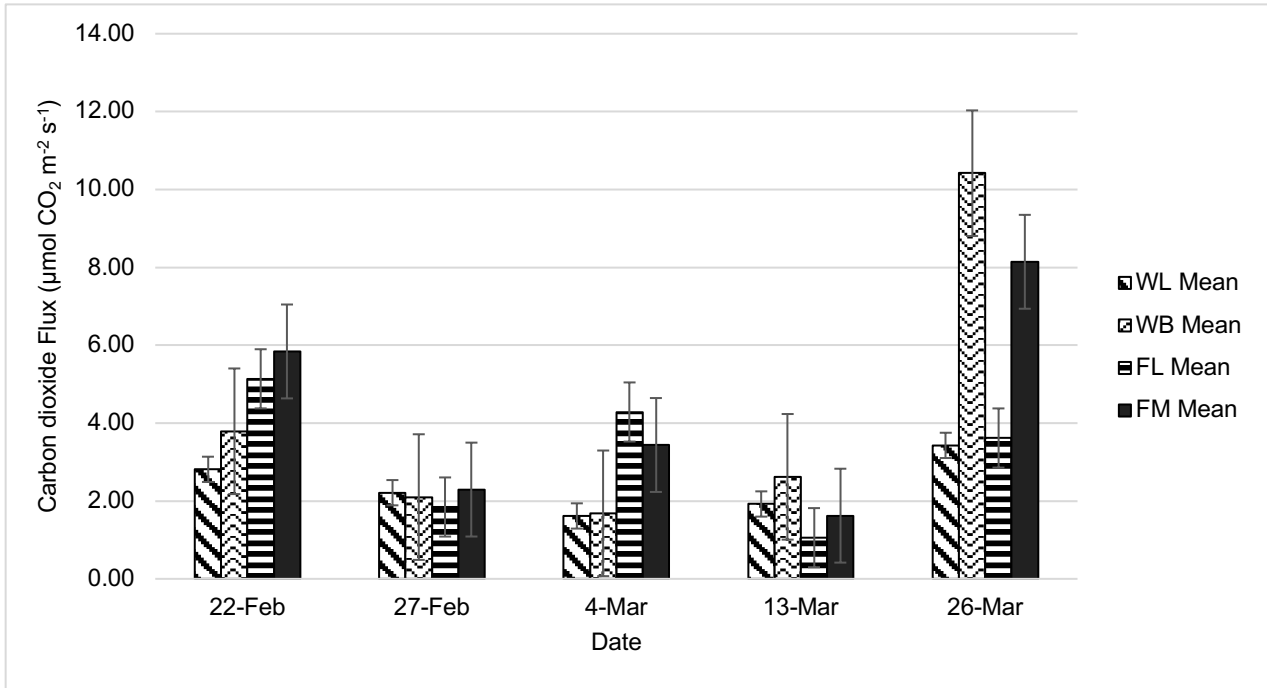


Figure 4. Carbon respiration measurements ($\mu\text{mol CO}_2 \text{ m}^{-2} \text{ s}^{-1}$) of soil in the Woolsey Wet Prairie Sanctuary wetland low (WL), wetland berm (WB), and adjacent fescue field intermounds (FL) and mounds (FM) in Fayetteville, AR on February 22, February 27, March 4, March 13, and March 26, 2017 ($n = 12$). On each date, means with the same letters are not statistically different ($\alpha = 0.05$). Statistical differences among treatments were not observed on February 27. Dates within one sample location with flux statistically different from the previous date are indicated by (*).

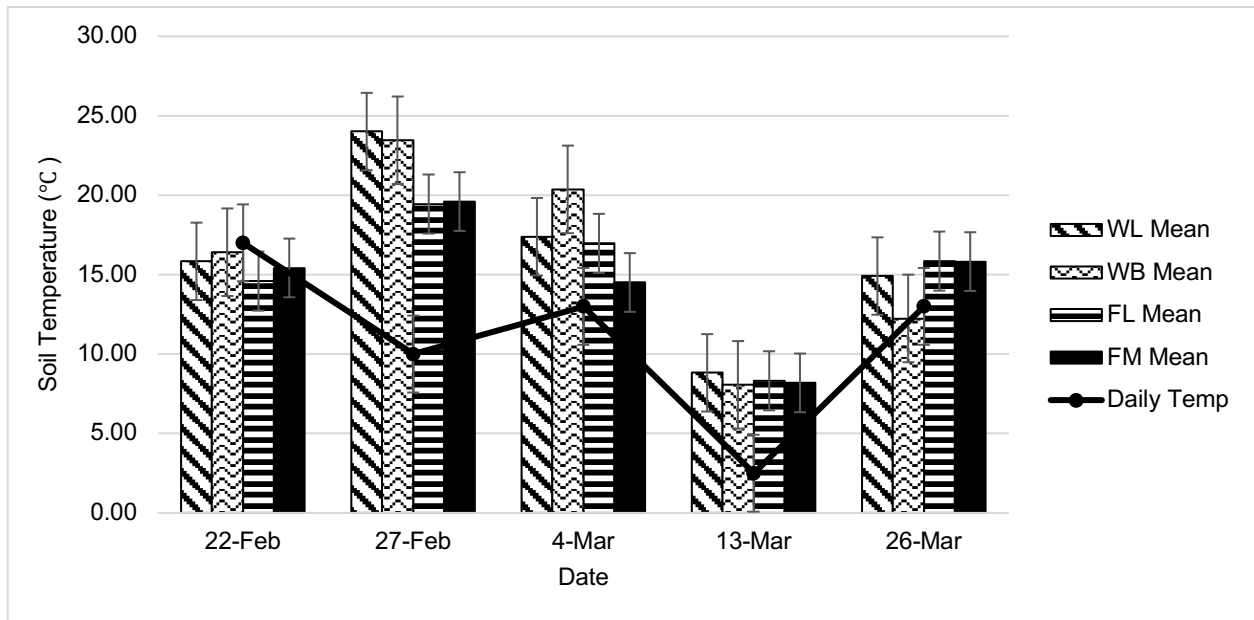


Figure 5. Soil temperature measurements (°C) of soil in the Woolsey Wet Prairie Sanctuary wetland low (WL), wetland berm (WB), and adjacent fescue field intermounds (FL) and mounds (FM) in Fayetteville, AR on February 22, February 27, March 4, March 13, and March 26, 2017 (n = 4). On each date, means with the same letters are not statistically different ($\alpha = 0.05$). Statistical differences were only observed on February 27. Dates within one sampling location with temperature statistically different from the previous date are indicated by (*).

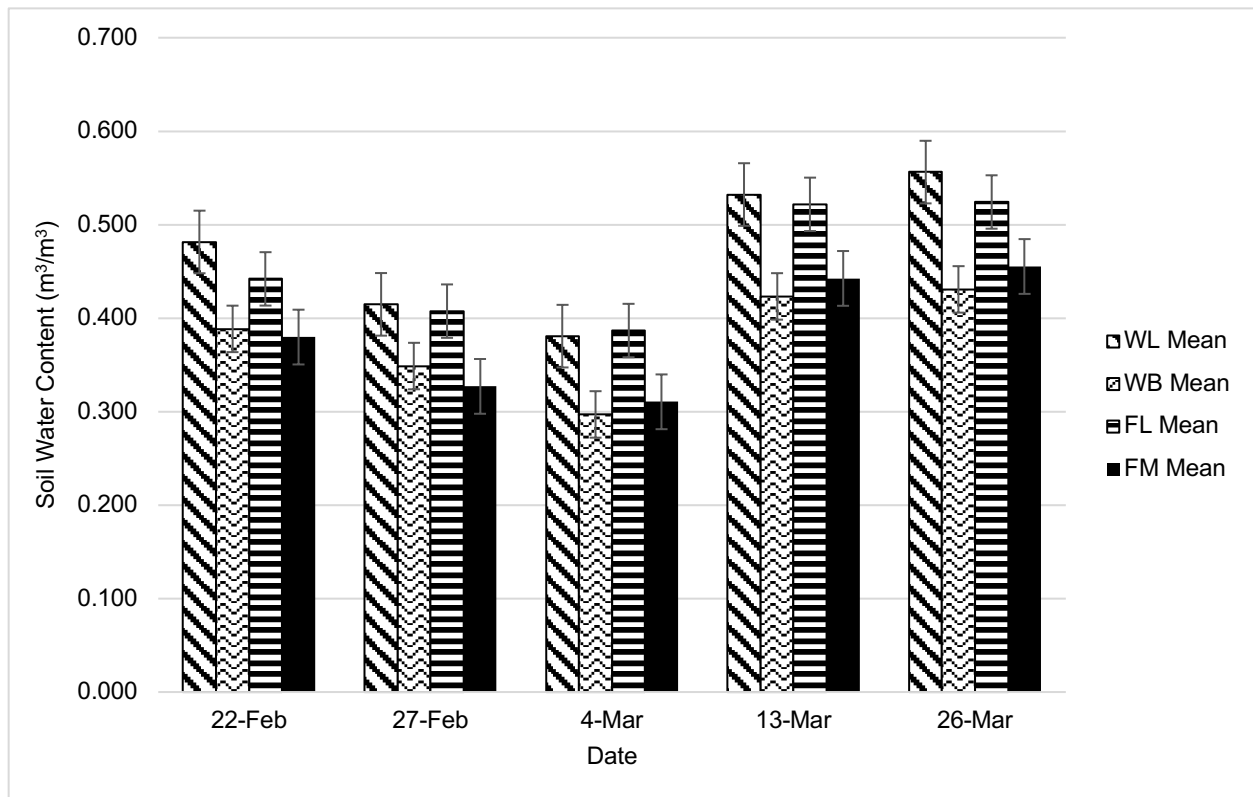


Figure 6. Soil water content measurements (m^3/m^3) of soil in the Woolsey Wet Prairie Sanctuary wetland low (WL), wetland berm (WB), and adjacent fescue field intermounds (FL) and mounds (FM) in Fayetteville, AR on February 22, February 27, March 4, March 13, and March 26, 2017 ($n = 4$). On each date, means with the same letters are not statistically different ($\alpha = 0.05$). Statistical differences were not observed on February 27 or March 4. Dates within one sampling location with soil water content statistically different from the previous date are indicated by (*).