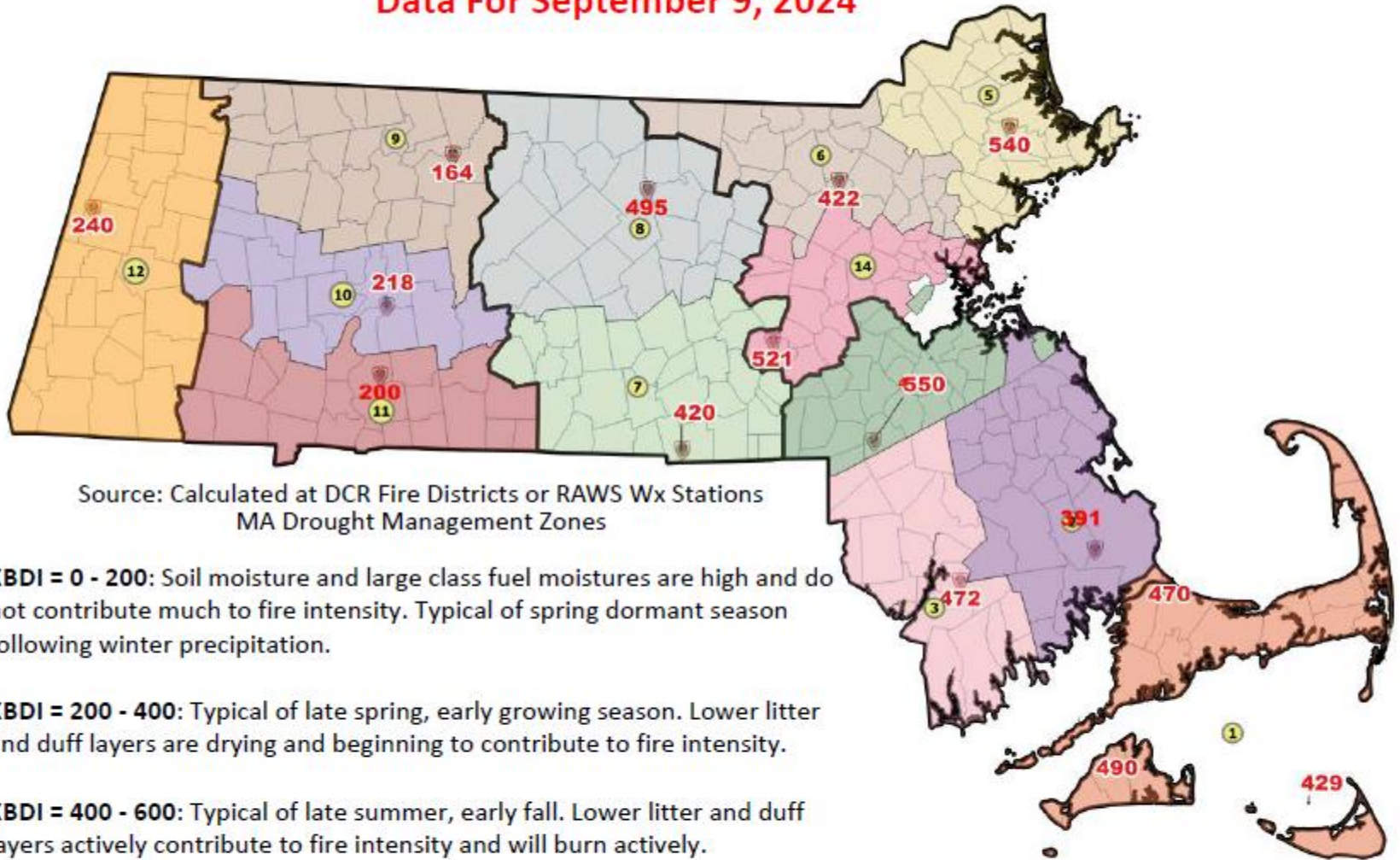




Keetch – Byram Drought Index Data For September 9, 2024



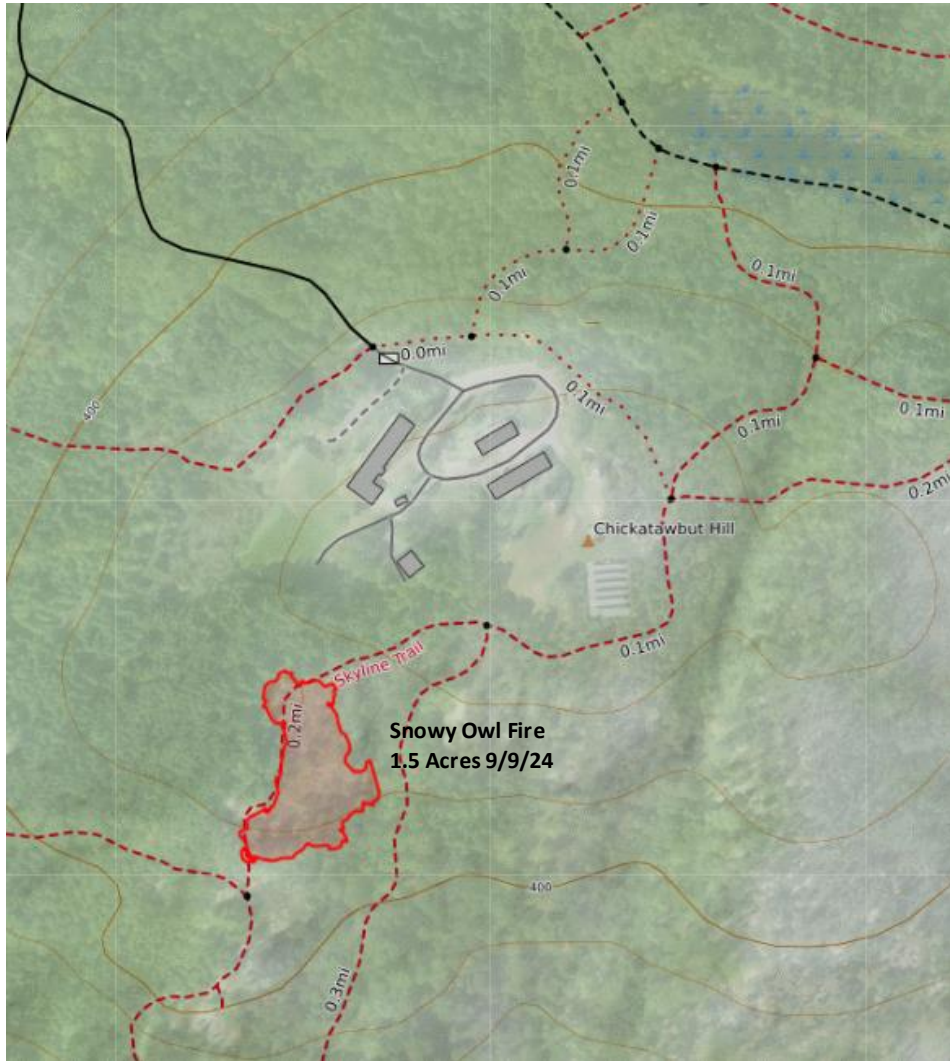
Source: Calculated at DCR Fire Districts or RAWs Wx Stations
MA Drought Management Zones

KBDI = 0 - 200: Soil moisture and large class fuel moistures are high and do not contribute much to fire intensity. Typical of spring dormant season following winter precipitation.

KBDI = 200 - 400: Typical of late spring, early growing season. Lower litter and duff layers are drying and beginning to contribute to fire intensity.

KBDI = 400 - 600: Typical of late summer, early fall. Lower litter and duff layers actively contribute to fire intensity and will burn actively.

KBDI = 600 - 800: Often associated with more severe drought with increased wildfire occurrence. Intense, deep burning fires with significant downwind spotting can be expected. Live fuels can also be expected to burn actively at these levels.



Snowy Owl Fire located southwest of the Education Center on Chickatawbut Hill on the Blue Hills State Reservation, Milton, MA. The fire started on 9/7 and remains active, burning 5" to 10" into the ground influenced by typical late summer dry conditions. Fire is 1.5 acres and approximately 40% contained.



Fire behavior on the **Snowy Owl Fire** on 9/9/24. Typical fire behavior in this fuel type at 550 KBDI drought index.