

Wildland Fire Management Current Drought Impacts

- **Fire Statistics**

- 296 Fires YTD for 656 Acres burned.
- **27 Prescribed Fire Operations for 824 Acres burned.**

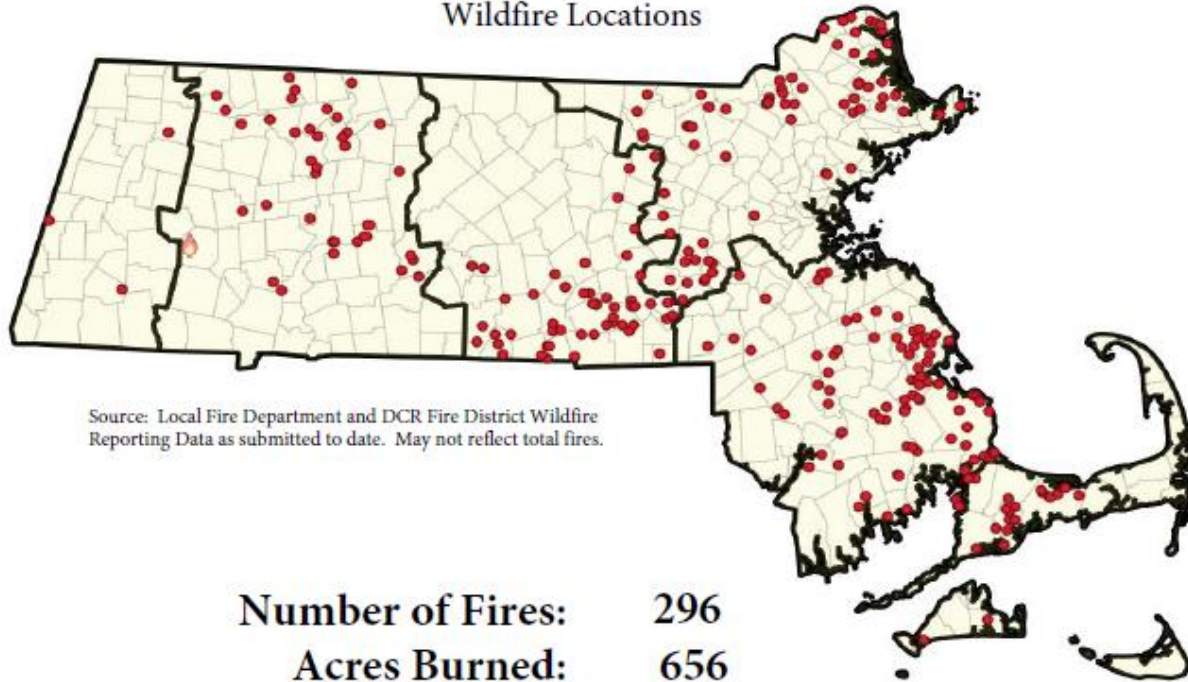
- **Drought Impacts on Fire Behavior and Suppression:**

- Low KBDI has minimized deep burning fire behavior
- Period of low live fuel moistures in middle of April
- Fire Tower operations working to assist towns with early detection, helping FD's with keeping fires small.
- **AVERAGE FIRE SEASON**

MASSACHUSETTS WILDFIRE OCCURRENCE MAP

Year to Date 5-6-22

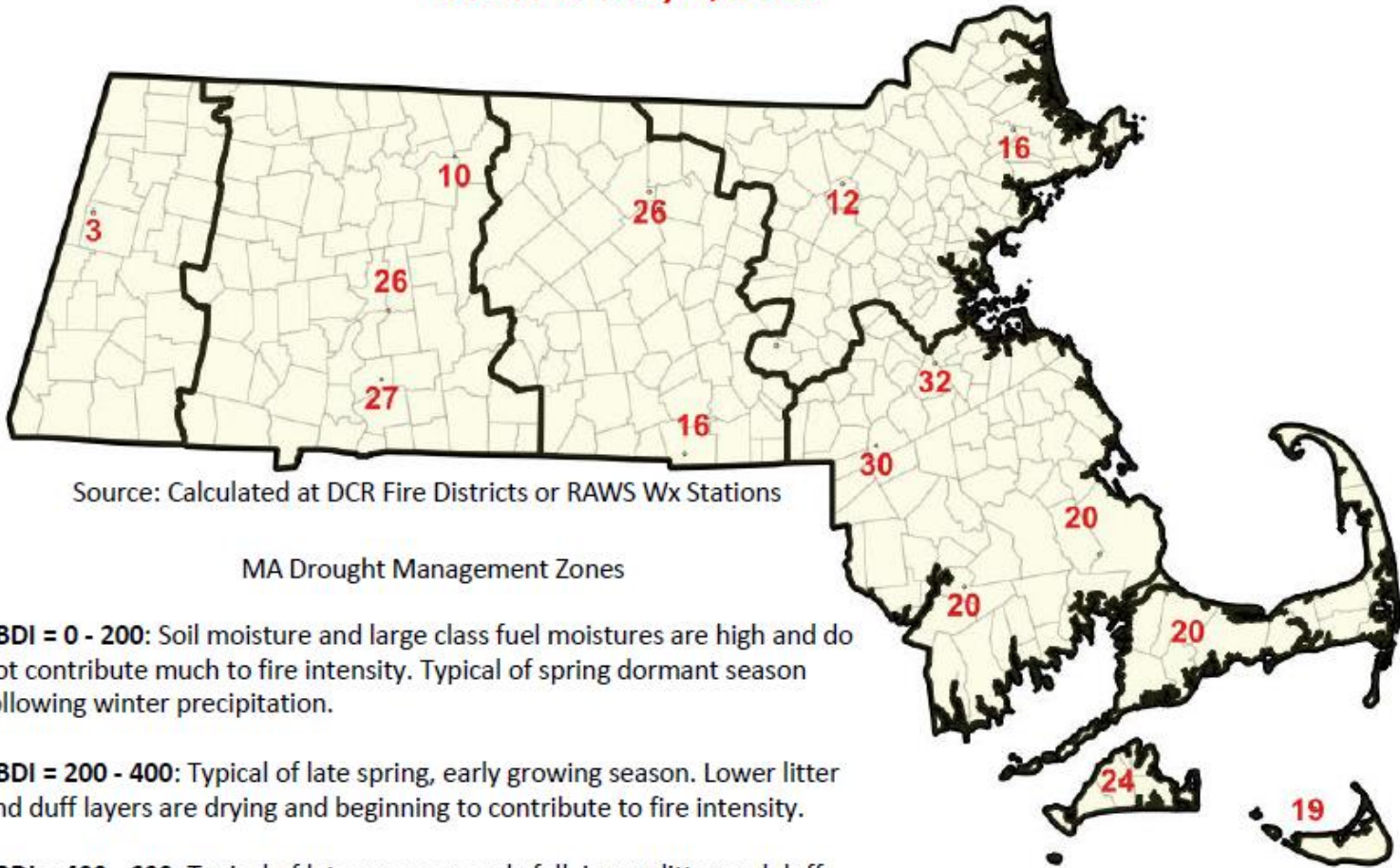
Wildfire Locations



Source: Local Fire Department and DCR Fire District Wildfire Reporting Data as submitted to date. May not reflect total fires.

Number of Fires:	296
Acres Burned:	656
Resident Homes Threatened:	56
Resident Homes Damaged:	12
Other Structures Impacted:	24

Keetch – Byram Drought Index Data For May 6, 2022



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.

