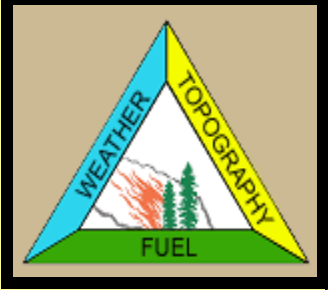




TOPIC 6

Canadian Forest Fire Danger Rating System



The Canadian Forest Fire Danger Rating System (CFFDRS)

The current system, the Canadian Forest Fire Danger Rating System (CFFDRS), has been under development by Forestry Canada since 1968. The first major subsystem of the CFFDRS, the Canadian Forest fire Weather Index (FWI) System, provides numerical ratings of relative fire potential based solely on weather observations, and has been in use throughout Canada since 1970. The second major subsystem, the Canadian Forest Fire Behaviour Prediction (FBP) System, accounts for variability in fire behaviour among fuel types (predicting rate of spread, fuel consumption, and frontal fire intensity), has been used by various agencies since the interim form was introduced in 1984. A third major CFFDRS subsystem, the Canadian Forest Fire Occurrence Prediction (FOP) System, is currently being formulated.

