

Duncan's Complexity Diagram

The complexity of a saw operation is dependent on four components:

- **Objective**-The operation to be completed
 - Felling
 - Bucking
 - Limbing/brushing
- **Environment**-The ever changing conditions of the weather
 - Wind
 - Topography
 - Rain or snow
- **Sawyer**-The state of mind and ability of the sawyer
 - Training
 - Experience
 - State of mind
 - Attitude
 - Pressure
 - Unfamiliar equipment
- **Fiber**-The condition/attitude of the wood itself
 - Sound or rotten
 - Fire weakened
 - Lean or bind

At the time of the operation two components, the objective and the condition of the fiber/wood, will remain static while the complexity is being determined. The physical environment and the sawyer themselves have a dynamic influence on the overall complexity given changes from one minute to the next.

