

Table 15 Vegetation Structure (Foliar moisture)

	DATA OPTION 1: Airborne multi-spectral data
<i>Spatial Dimensions</i>	
Area to cover	Up to 1000 km ²
Mapping unit	0.5m – 5m
Positional accuracy	Dependent on Geo-referencing process
<i>Temporal Dimensions</i>	
When	User defined
How often	User defined (can be < 1 day)
Variable to map	Concentration (per unit area) of foliar water content
Environmental Restrictions	Cloud cover
Processing technique (Output)	Empirical or deterministic models (Map of Concentration (per unit area) of foliar water content
Resources – Hardware and Software	PC Image processing software
Resource – Personnel	Trained in multi-spectral data processing. Knowledge of area to be mapped
References: Note these are some example references	Peterson et al. (2008)

Peterson, S.H., Roberts, D.A. and Dennison, P.E. (2008) Mapping live fuel moisture with MODIS data: A multiple regression approach. Remote Sensing of Environment, Volume 112(12):4272-4284