Curing

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DCBR

Funding

Northern Territory Natural Disaster Resilience Program (2013/2014

May 2014 – June 2015 (13 months)

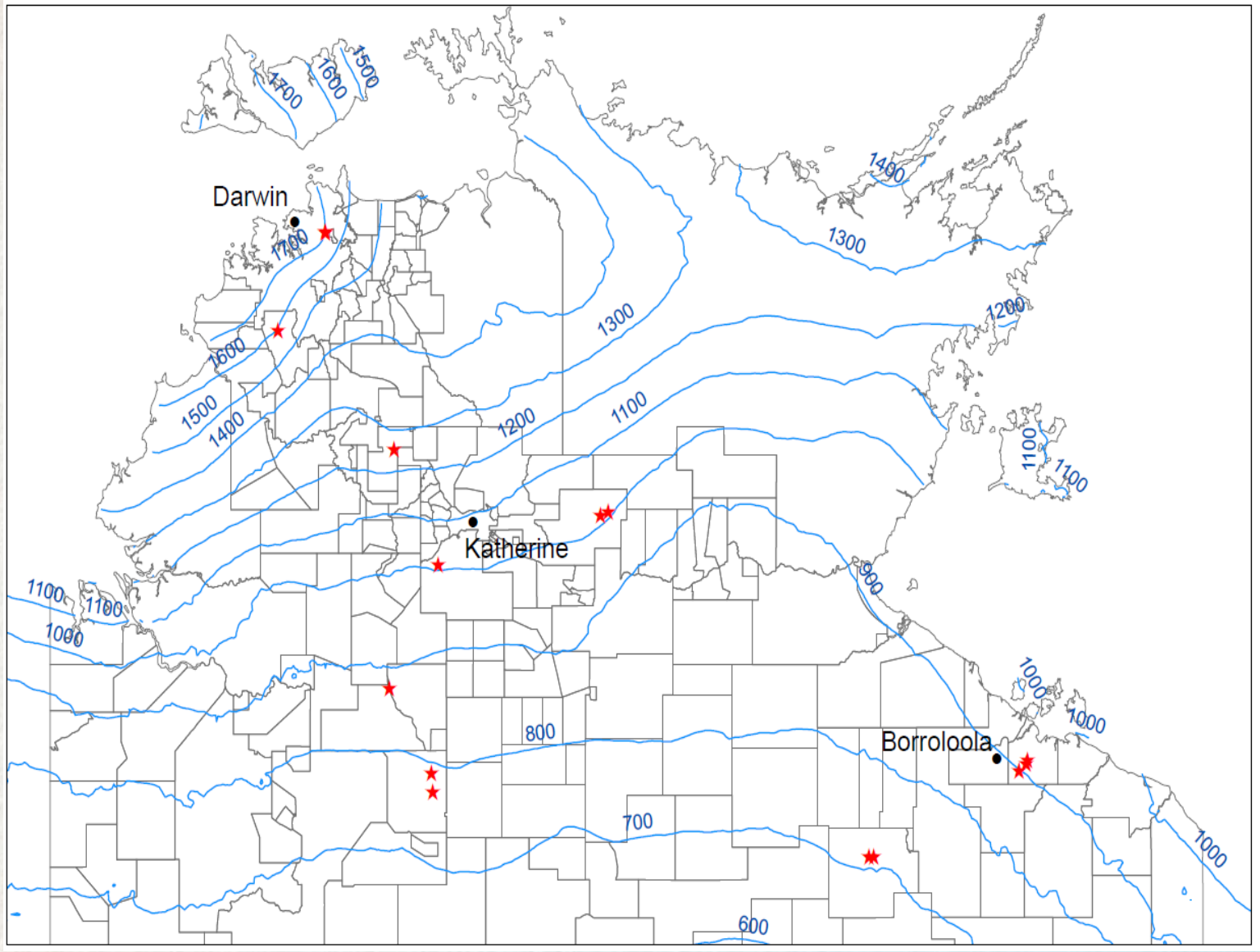
Northern Territory Natural Disaster Resilience Program (2015/2016)

May 2017 – December 2017 (8 months)

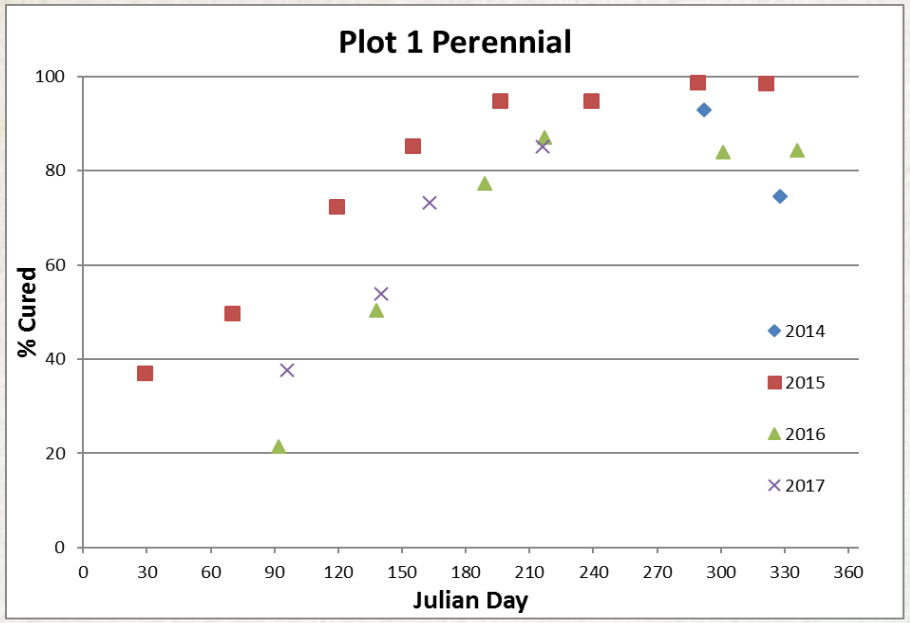
Northern Territory Natural Disaster Resilience Program (2017/2018)

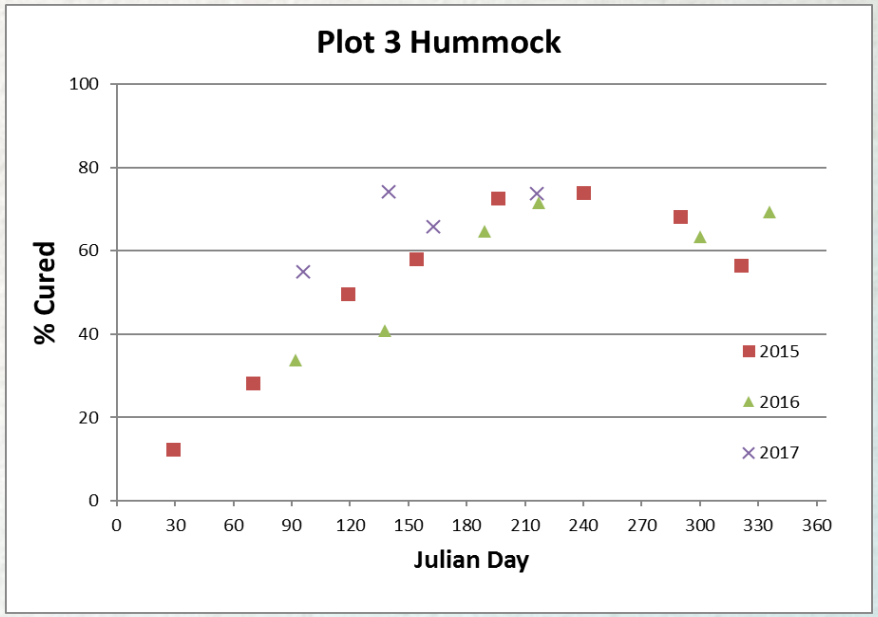
May 2018 -

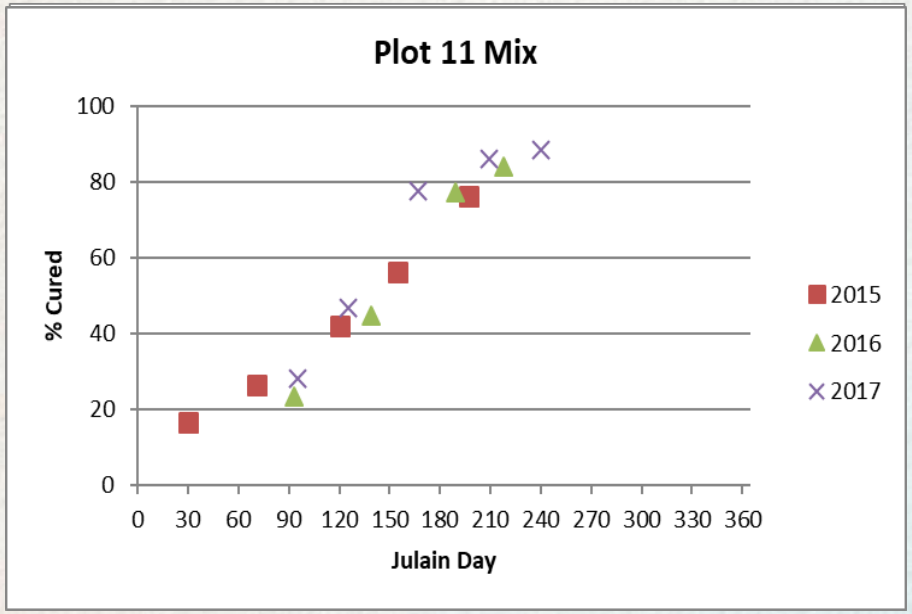
Plot locations

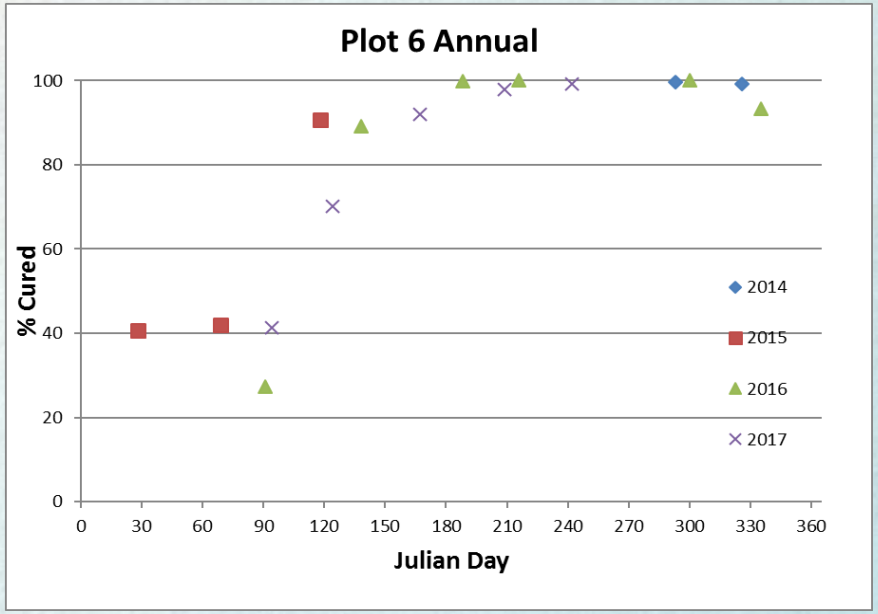


Curing



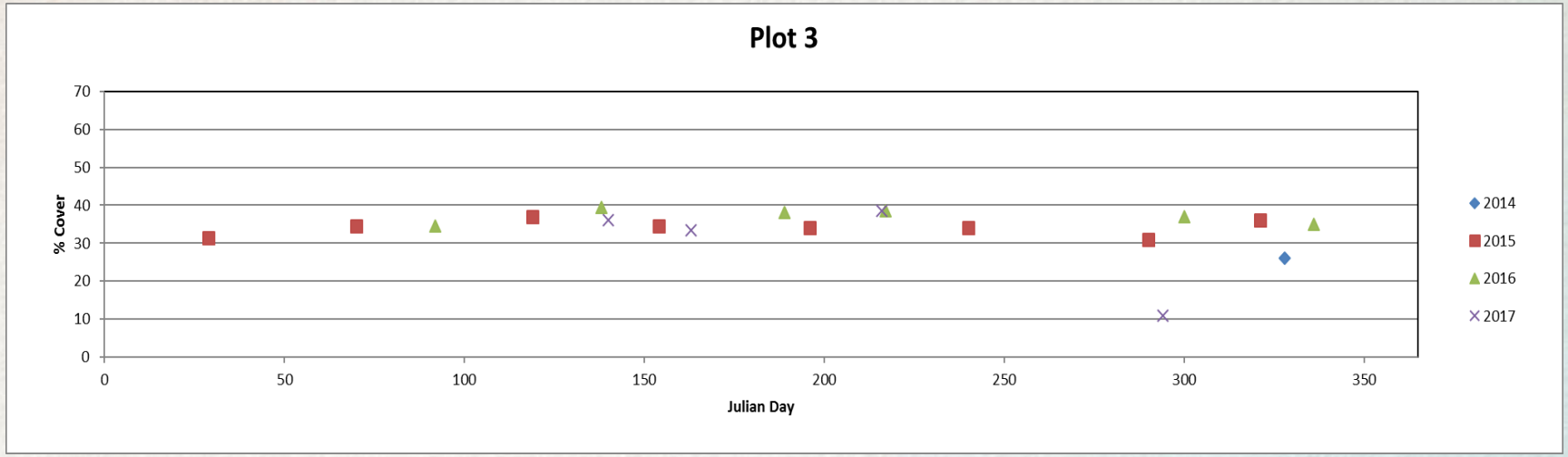


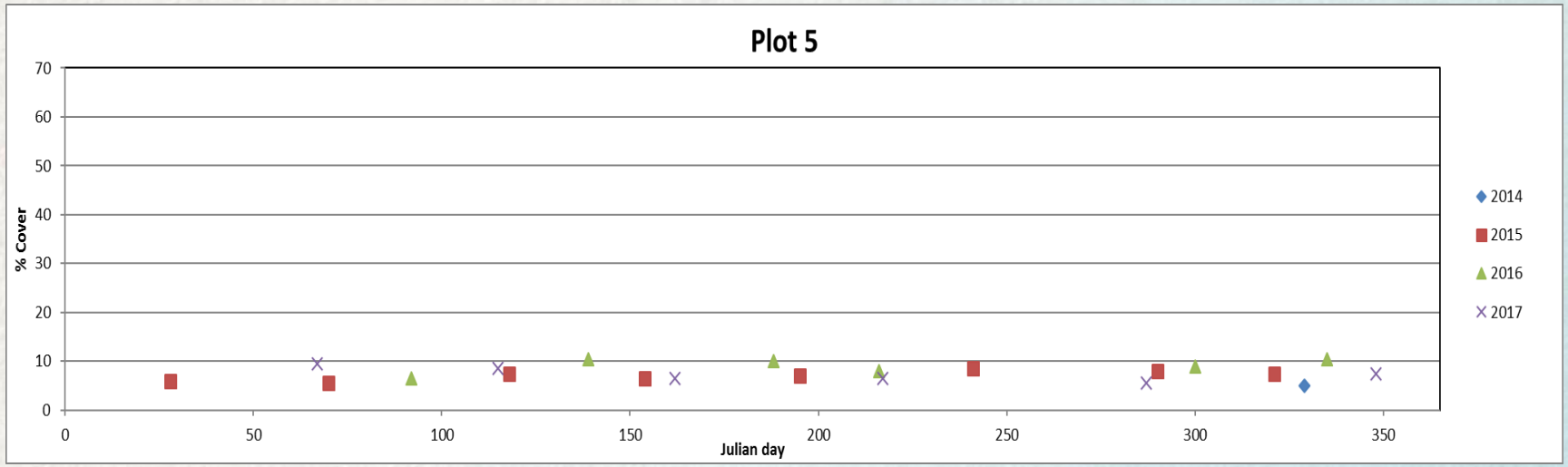




Grass types cure at different rates,
Hummock
Does not fully cure, annual
almost cured in 120 days.

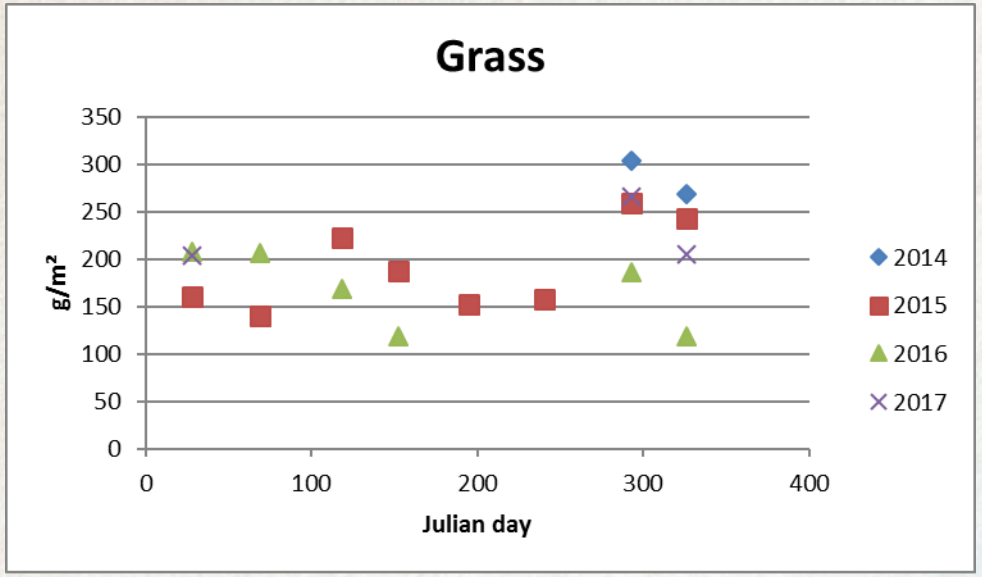
Foliage Projective Cover PFC





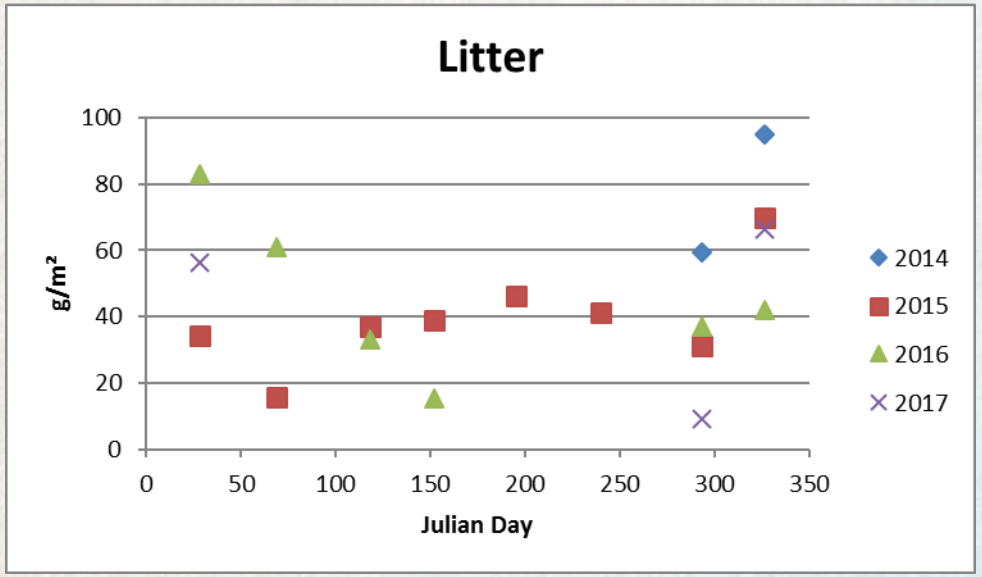
Little change in FPC so change in satellite information is on the ground layer i.e grass

Grass and Litter



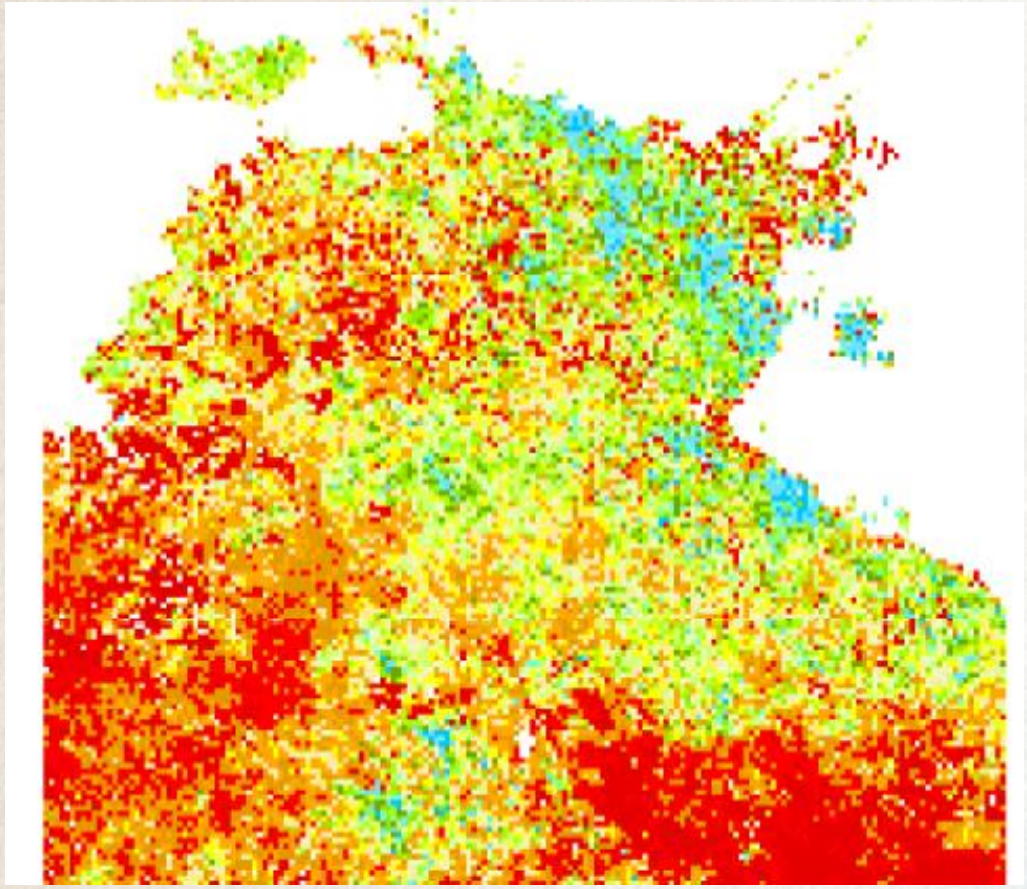
Little change in the grass fuel through the year.

Change in image related to curing not grass growth

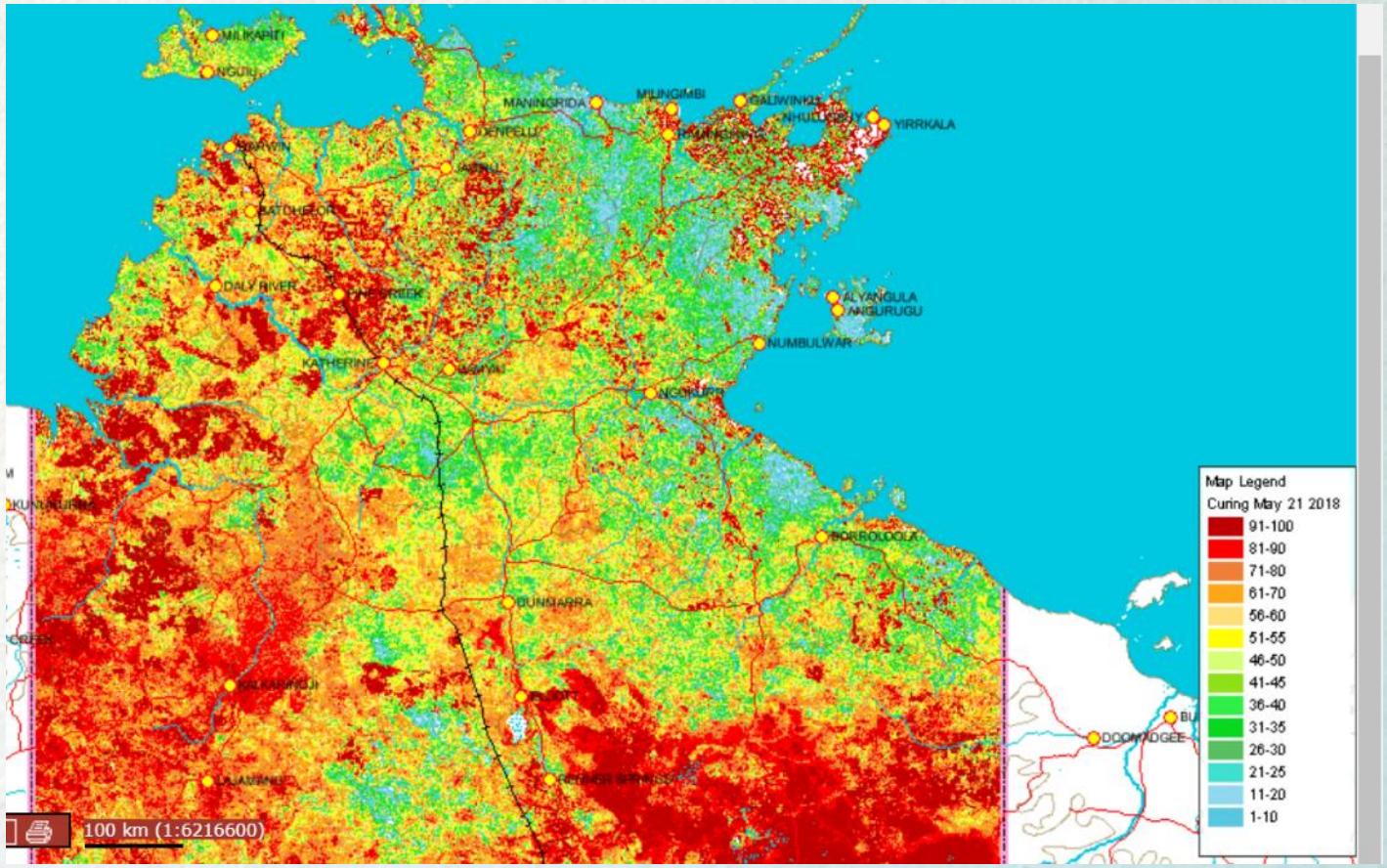


Slightly more litter accumulation

Curing Products



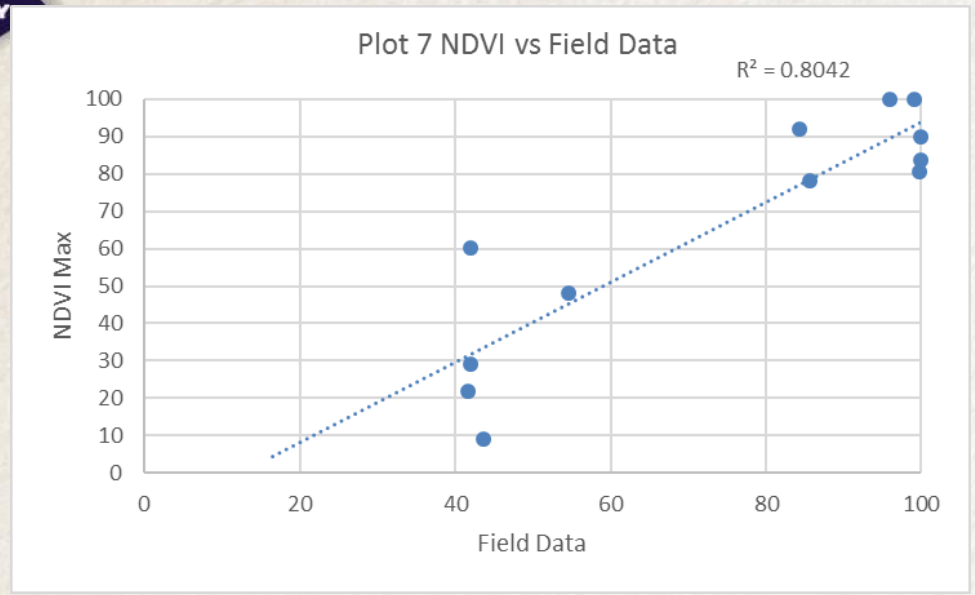
BOM use 5km for there GFDI calculations

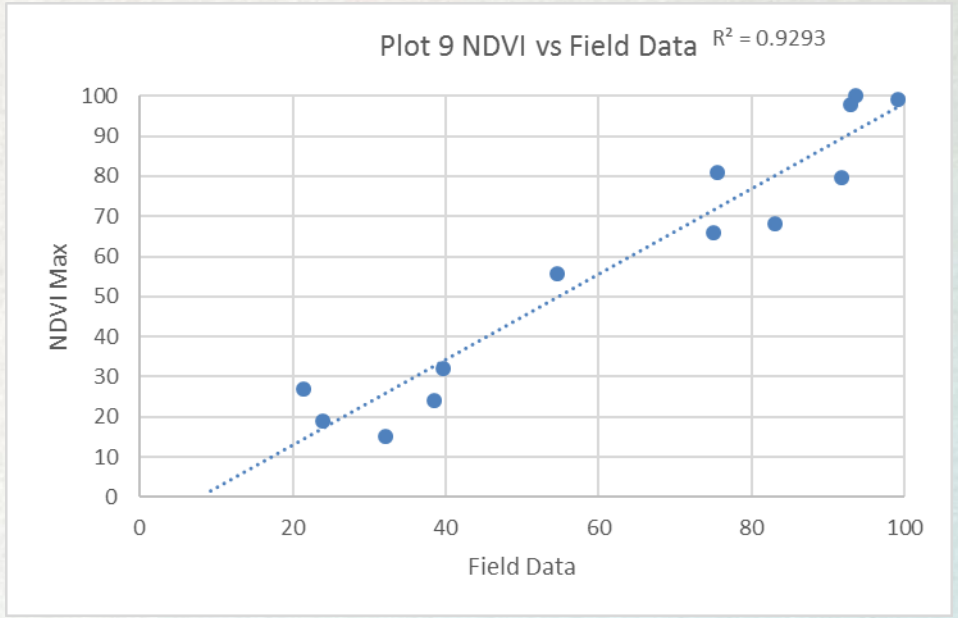


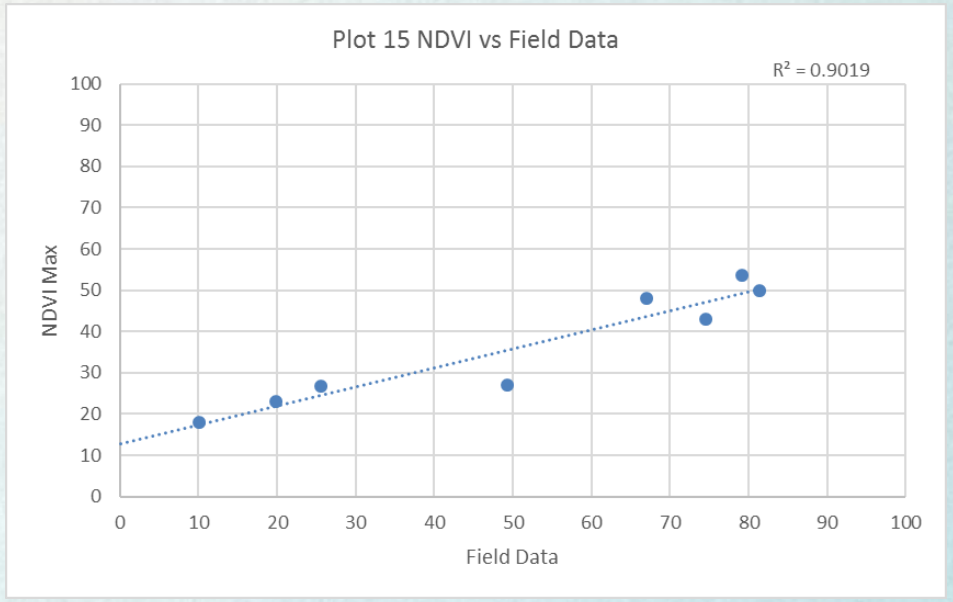
Curing product derived at 250m

Landgate 4 day max product

Field data v's Satellite Curing

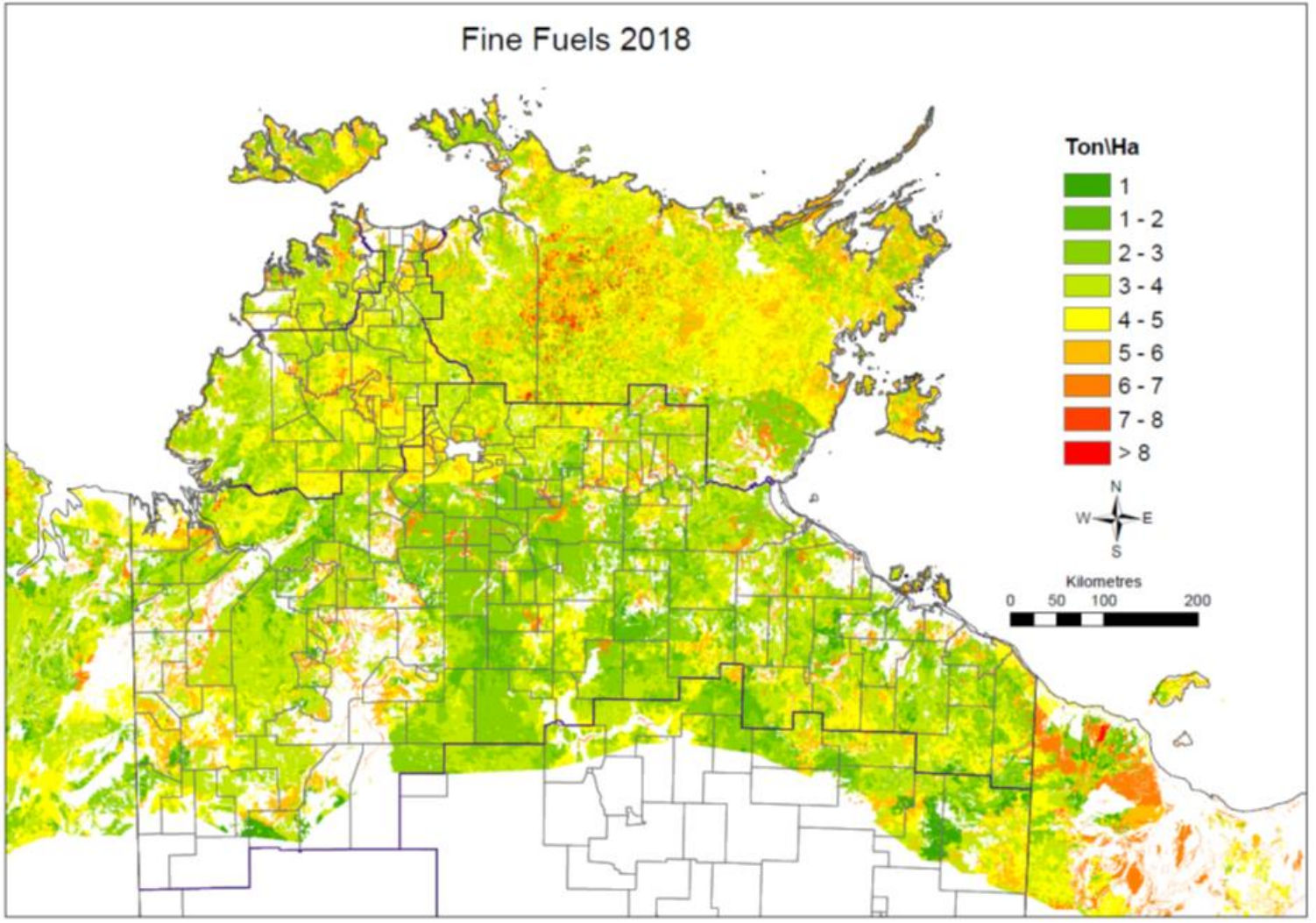






Does not work well in Hummock grasses
Need to develop time series approach.

Fuel Load



Good product above 600mm rainfall in areas not heavily grazed

Does it need to be at 5km pixels