

AgriWealth Pty Limited

2006 Softwood Project



2015-2016 Annual Report

Legal Context

This annual report complies with Schedule 1 Part 4(h) of the Forestry Management Contract between AgriWealth Pty Limited and the Forestry Commission of New South Wales (now known as the Forestry Corporation of NSW) for the AgriWealth Plantation Investment 2006 Softwood Project, dated 21 June 2006.

Background

The 2006 Radiata Pine Project is located 3 kilometres west of Batlow on the property known as Hansen. This is located within the Tumut Management Area (TMA) of FCNSW Snowy Region (formerly Hume Region) near Tumut or Tumbarumba.

Plantation Area Review

A review of the net stocked area of the plantation was undertaken in June 2015 using new aerial photo coverage. This is the first review that has been undertaken since the completion of the post plant survival assessment (Table 1). It captures the natural attrition and mortality that has occurred over the last seven years.

Table 1 – Updated Net Stocked Area

Plantation	Net Stocked Area in 2015 (ha)
Hansen (2007AC)	36.8

The updated net stocked area which includes Forestry Right Land and Adjoining Land constitutes a change of minus 1.6% from planting.

2015-16 Growing Season

Rainfall was average during the reporting period (Figure 1) with a drier spell occurring in spring, periodic rainfall in summer and above average rainfall in June. Total rainfall at Tumbarumba for 2015-16 was 979 mm compared to the long term average of 977 mm. (refer Annexure A).

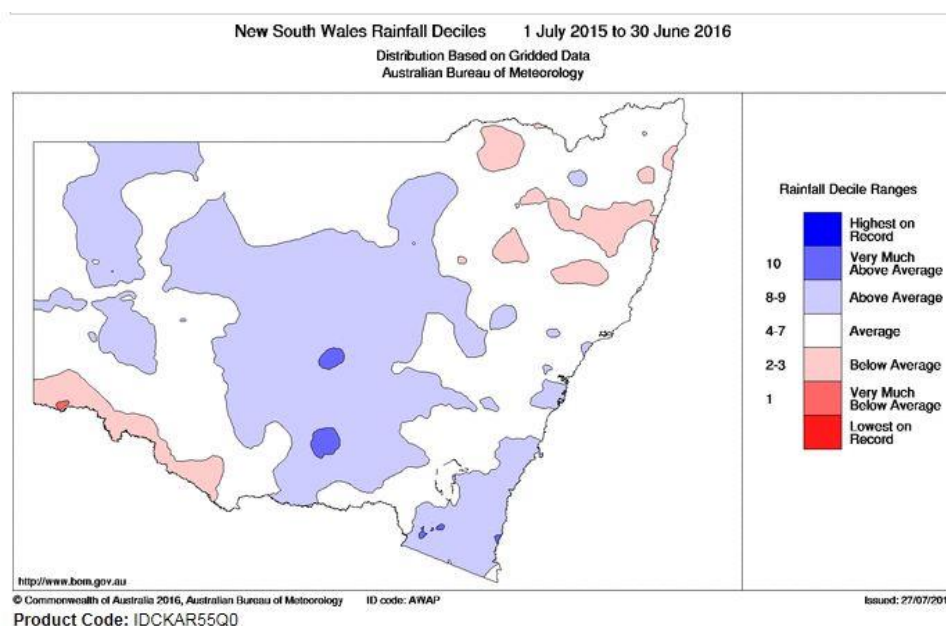


Figure 1 – New South Wales Rainfall Deciles – 2015-2016

Mean temperatures were above average (Figure 2).

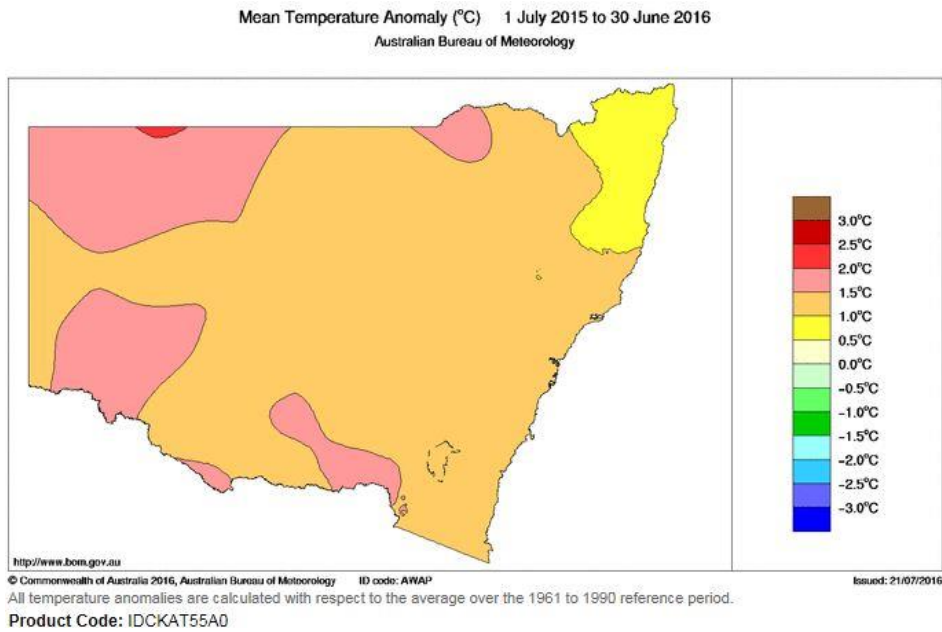


Figure 2 – New South Wales Rainfall Deciles – 2015-2016

Stand Condition

The plantation continues to grow well with good tree height, form and health. The isolated wattle and eucalypt regrowth is not considered to be having a significant effect on plantation growth as the trees are now dominating the site.



Figure 3: Hansen 2007 AC – August 2016.

Biosecurity & Forest Health

Aerial forest health surveillance was undertaken in early August 2016 (Figure 4) and followed up with ground inspections. Preliminary reporting indicates no significant forest health issues are presenting in this project.

No evidence of any significant pest or disease damage has been observed.

Low levels of *Dothistroma* infection is present adjacent to drainage lines and lower sections of the plantation where there are individual trees that have been subject to ongoing *dothistroma* needle blight infections. Across the plantation infection levels are generally low following seasonally dry conditions during late summer and early autumn. Treatment of *Dothistroma* is not recommended for the low level of infection currently observed.

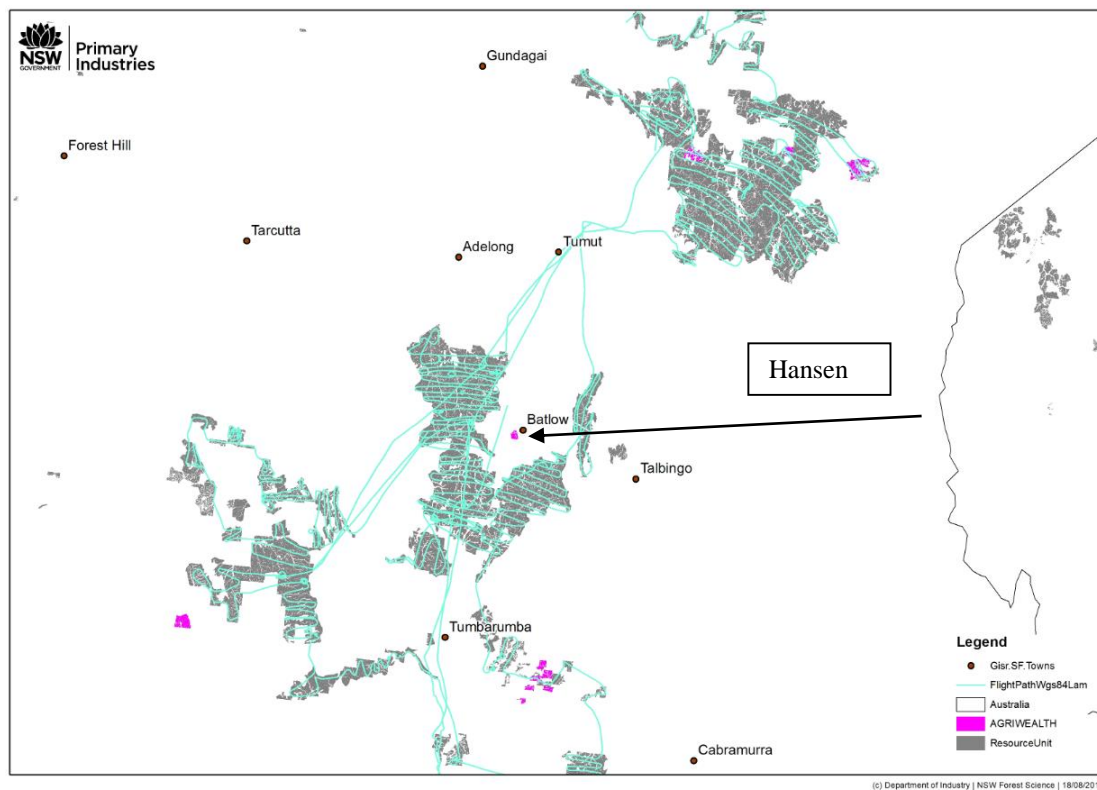


Figure 4: 2016 Tumut management area forest health aerial surveillance flight path over Hansen

Activities planned for 2016/2017

- Forest health aerial surveillance and monitoring
- Maintenance of roads and tracks as required – woody weed spraying
- Identification and signage of plantation fire roads to comply with Plantations and Afforestation Code amendments

Fire Incidents

No fire incidents occurred within or close to the plantation during the reporting period

Other Management Issues

In August 2016 FCNSW commenced implementation of a new inventory technique across their own and the Agriwealth estate that is expected to largely replace conventional ground based inventory for young and intermediate aged plantations. The approach uses laser pulses (LiDAR) emitted from a sensor on a plane to very accurately measure tree height and forest canopy structure. This data is subsequently matched with a series of ground based plots to derive stand level estimates of stocking, tree height and volume and has the advantage of providing these estimates for the entire forest landscape. It is anticipated that results from this work will be available towards the end of 2016.

Report prepared by

Charles Taylor

Charlie Taylor

STEWARDSHIP AND FIRE MANAGER
SNOWY REGION

For

Bob Germantse

Regional Manager Snowy

Monthly Rainfall Statistics

