

Harnessing the power of soil moisture data

Frogmore,13 March 2020

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www.lls.nsw.gov.au/southeast

Types of decisions

Tactical Decisions:

Within-season decisions regarding livestock demand versus feed supply

Strategic decisions:

Decisions with longer time-frames & can influence what tactical decisions are possible

Source: Badgery et al 2019 "Developing a framework for tactical decision making to address feed deficits"

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Tactical decisions

What do they assess?

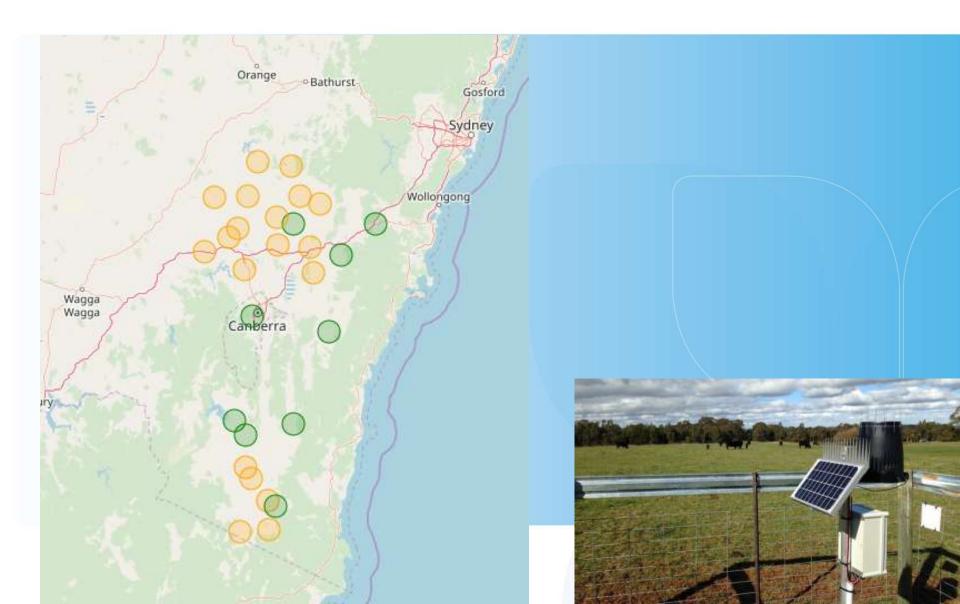
- pastures for quality and quantity
- animal condition and growth rates
- animal requirements
- market information
- agistment availability
- fodder stored (silage and hay)
- financial position
- rainfall records
- soil moisture probe information
- forecasts but only a general guide
- total grazing pressure (rangelands)





Source: Badgery et al 2019 "Developing a framework for tactical decision making to address feed deficits"

soilmoistureprobes.com.au



ABOUT

BOOROWA

Property "Geegullalong"

"Geegullalong" is located 11km north of Boorowa on the Lachlan valley way and is part of Merryville merino stud managed by George and Wal Merriman. Apart from stud merinos we are a commercial wool growing business plus Angus and poll Hereford cattle and prime lambs. The soil moisture probe is located on the mid slope of granite based country and is now part of an internal laneway system.

Annual rainfall 613mm

Altitude: 565mm

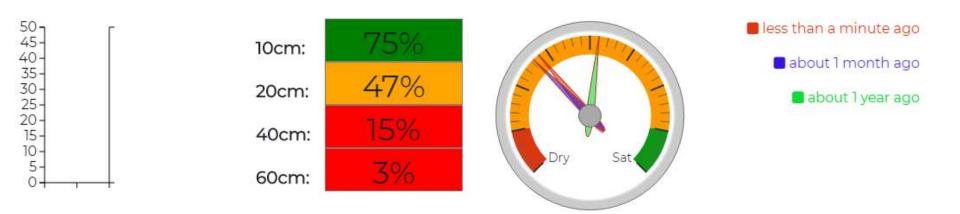
Soil type: Parna overlying granite (refer to Soil section for further detail)



CONTACT US

INTERACTIVE GRAPH

It may take a few seconds to load all the data



Seasonal outlook – spring 2019



Compiled by:

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Phil Graham, Graham Advisory

September 2019

Disclaimer: The information contained in this publication is based on knowledge and understanding at the time of writing September 2019. However, because of advances in knowledge, users are reminded of the need to ensure that information upon which they rely is up to date and to check currency of the information with the appropriate officer of Local Land Services or the user's independent adviser.







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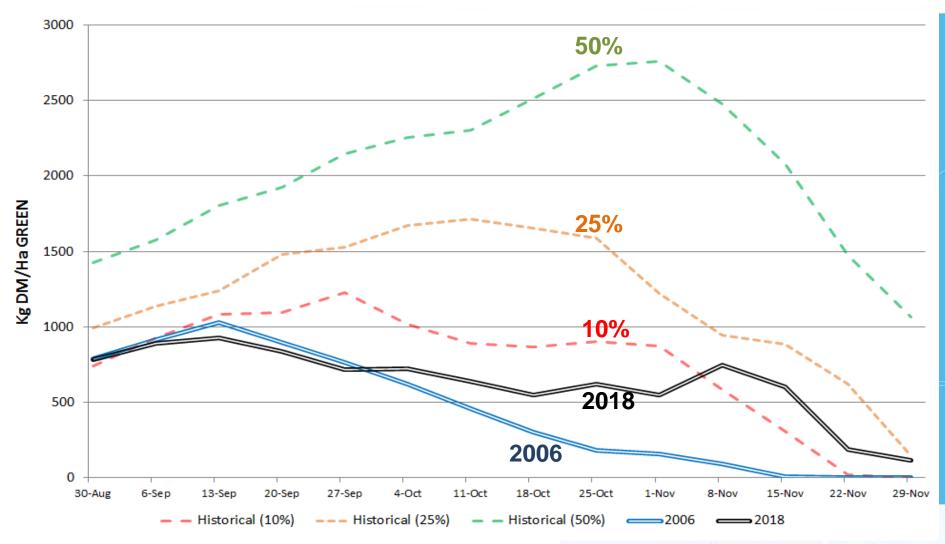
Boorowa Skill replacing overme flack, IR.R DSE



- Due to the good nerhal in lark Hitmany this who starts the projection period slightly above the "200". Astronical level of green feed' (dotted blac line), however moisture levels at the cod of March were sharting to use not y restrict juicity grant (bits is evident bits and y section of the scaling).
- The projections are indicating that there is a high likelihood that the next 2 months will all within what
 we would regard as a 'normal' range, however April rainfall will determine how difficult writer will be.
- It is unlikely that unusual shock decisions will need to be made. Some supplementary feeding might be required but that is not unusual for this time of year.

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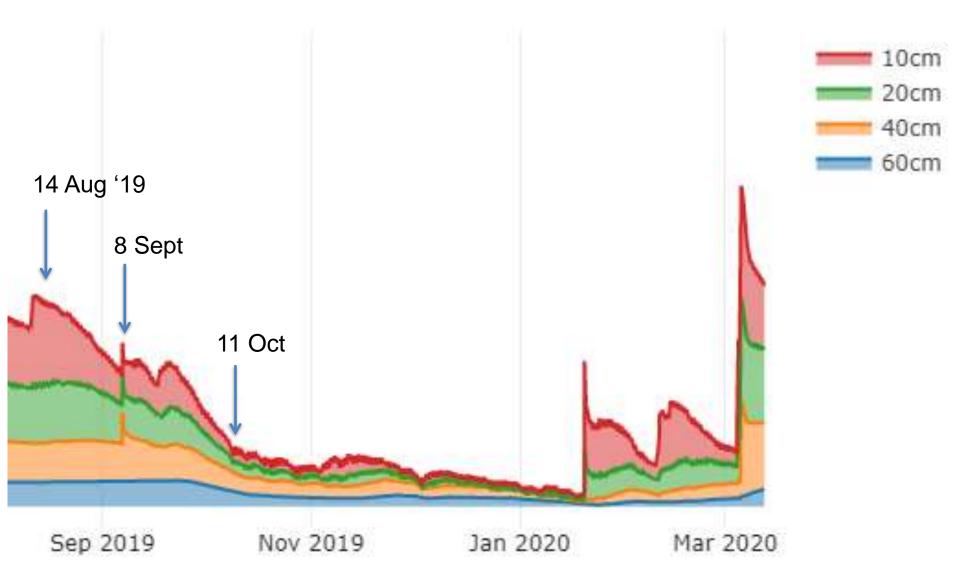
Boorowa pasture outlook – spring 2019



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BOOROWA

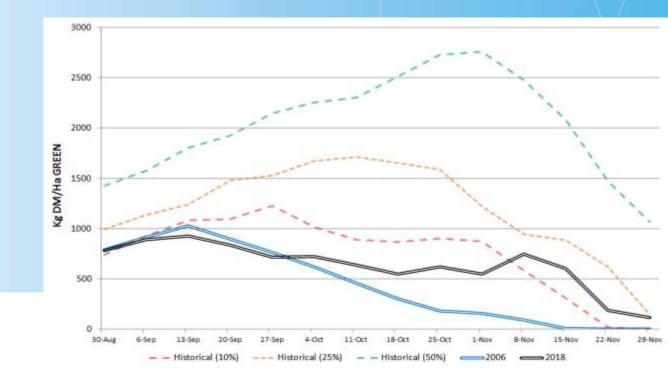
SOIL MOISTURE

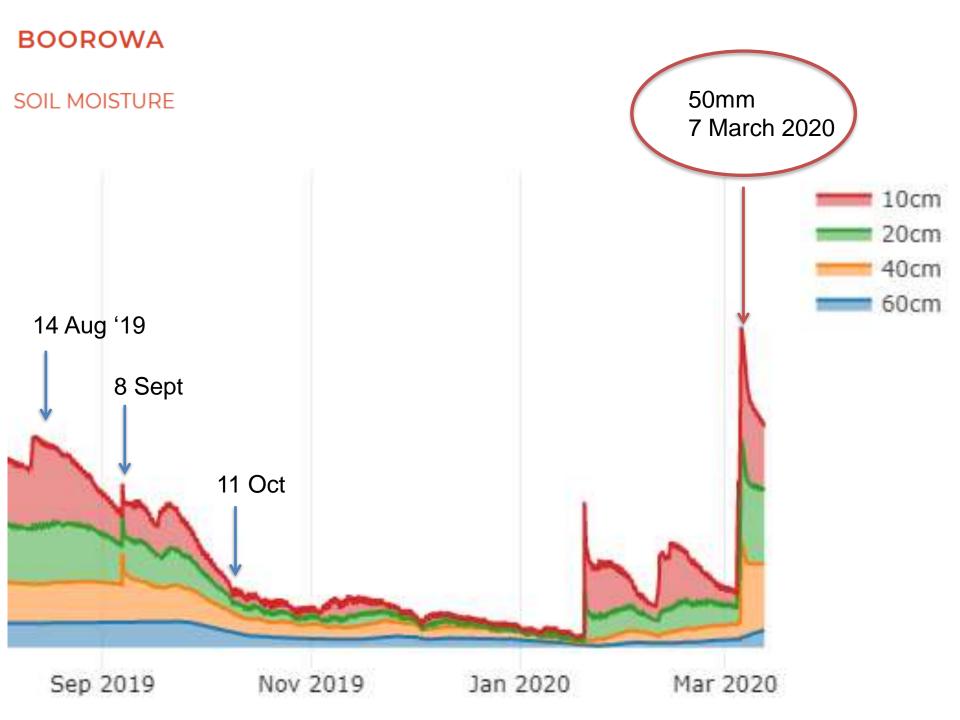


INTERACTIVE GRAPH

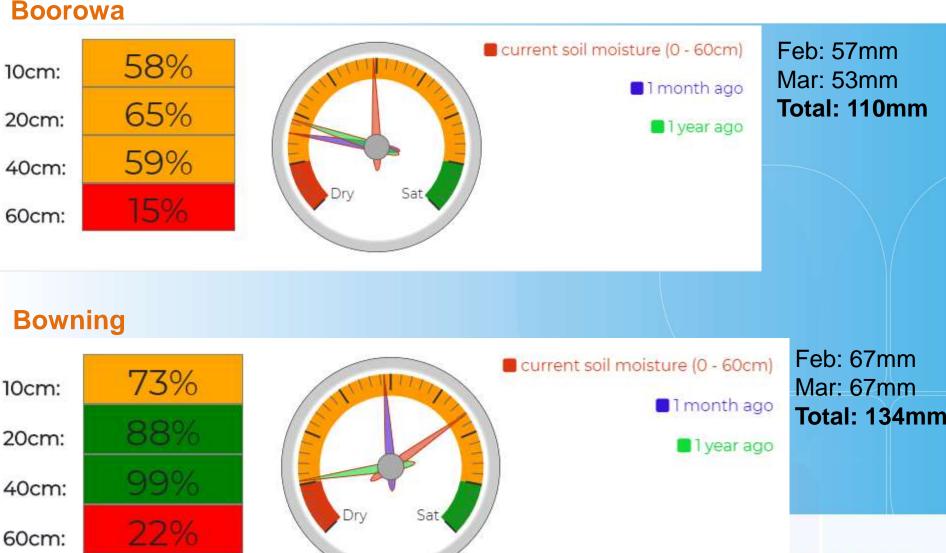
It may take a few seconds to load all the data







What does the moisture look like now?



v.au/southeast

New website coming soon...

