



BIGG's Soil Moisture Monitoring in Grazing Systems project: Lessons Learnt

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Natural Resources SA Murray-Darling Basin

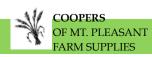












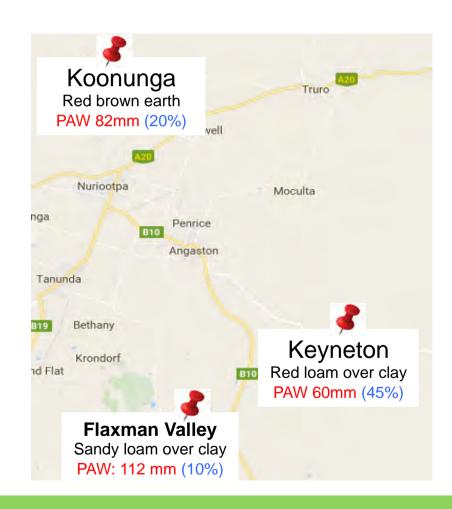






Project background

- 2013: Soil moisture & weather stations established in Barossa grazing systems
- Various equipment installed over time





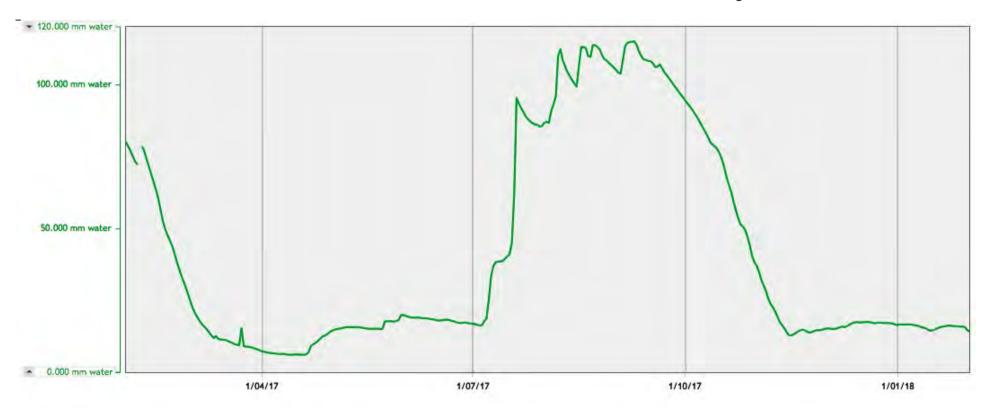


1. Plant Available Water: Site comparison across years – Flaxman Valley





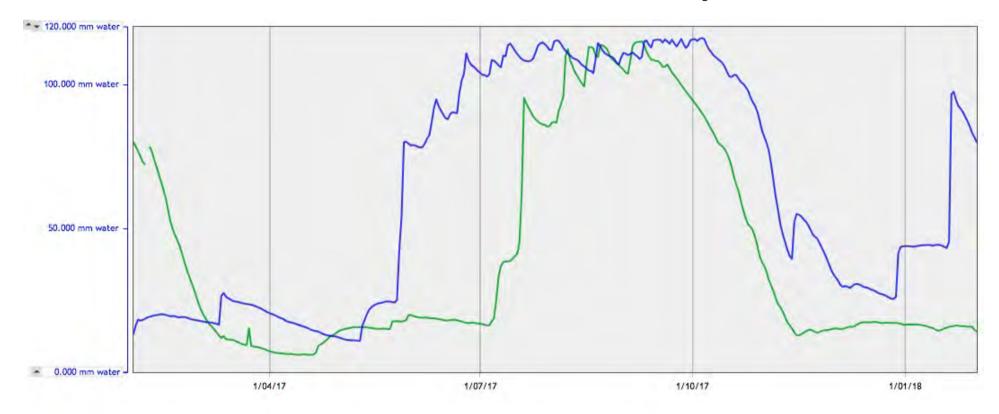
Plant Available Water: Flaxman Valley 2017







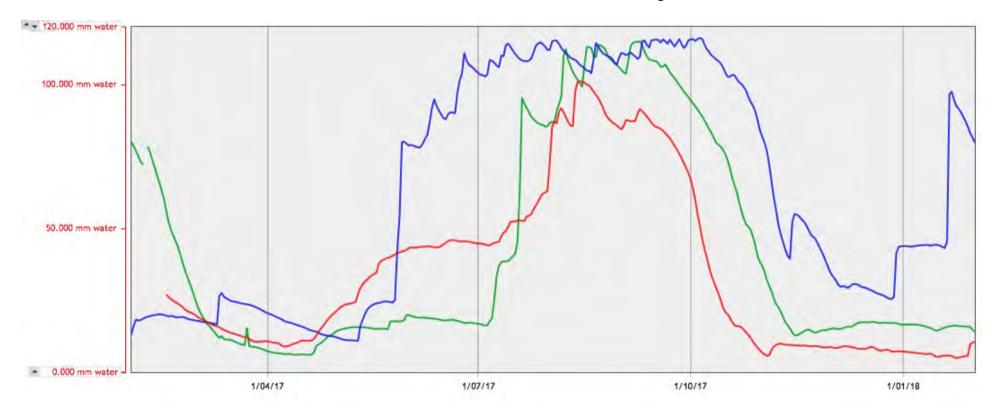
Plant Available Water: Flaxman Valley 2017 2016







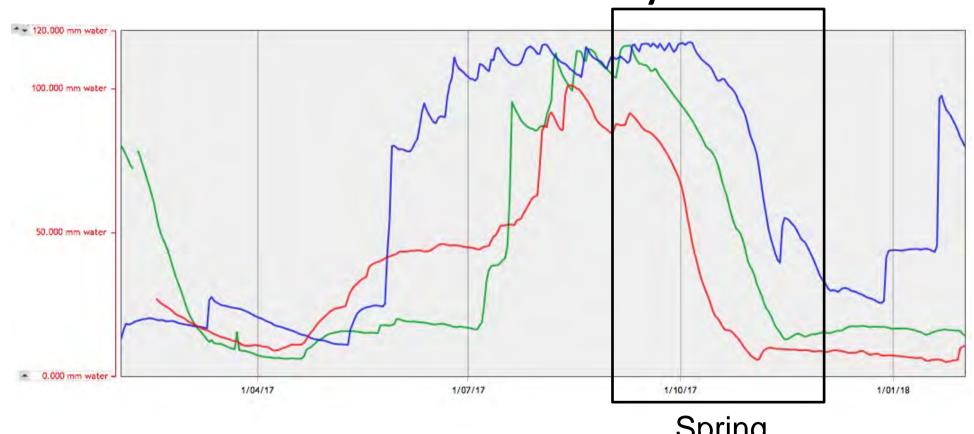
Plant Available Water: Flaxman Valley 2017 2016 2015







Plant Available Water: Flaxman Valley 2017 2016 2015



Spring



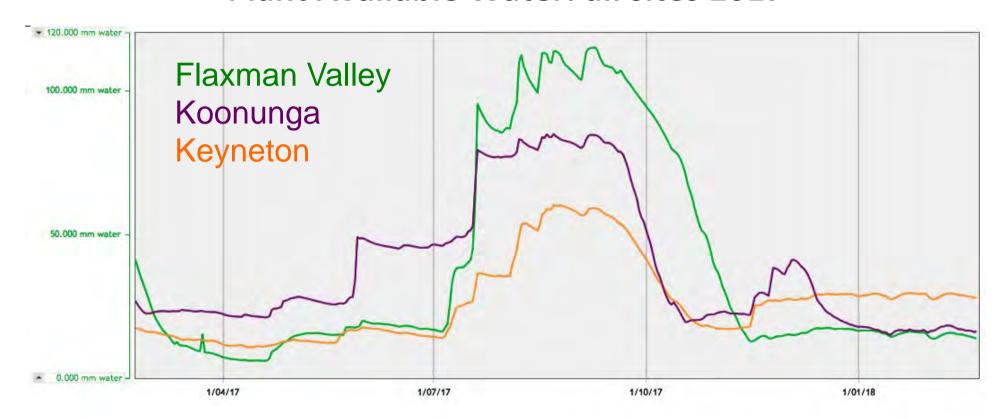


2. Plant Available Water: Comparison between sites – 2017





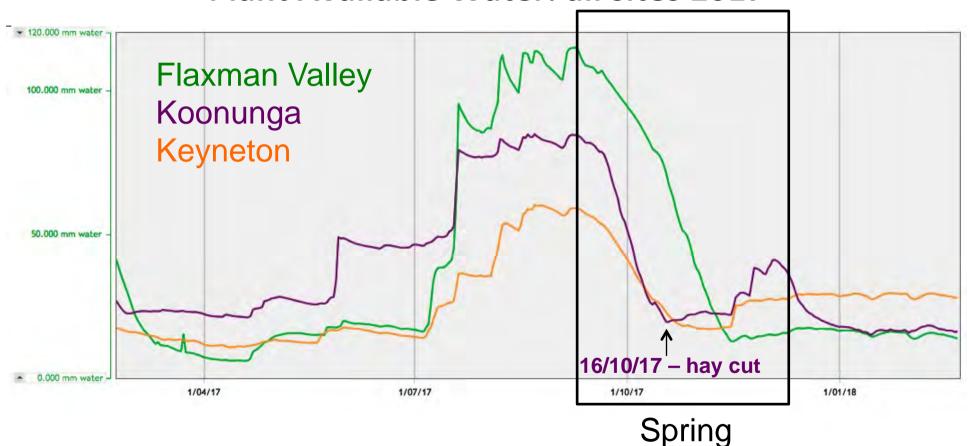
Plant Available Water: all sites 2017



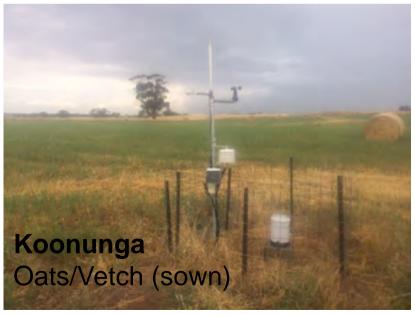




Plant Available Water: all sites 2017







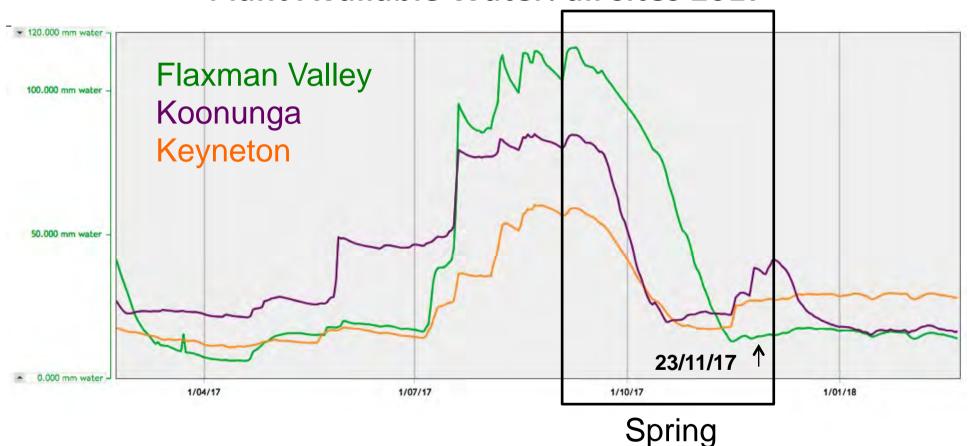
Site photos 23/11/17







Plant Available Water: all sites 2017





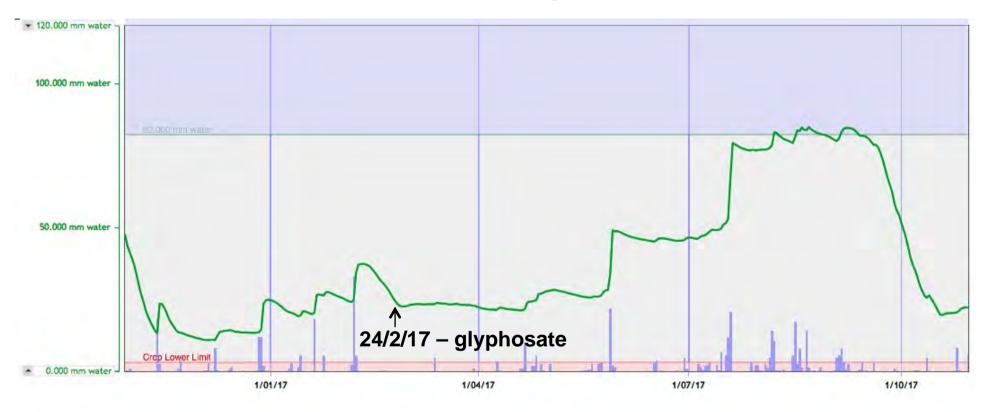


3. Plant Available Water: Moisture conservation– Koonunga





Plant Available Water: Koonunga (Nov 2016-Nov 2017)







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 - Highlights need for good decision making





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BIGG Pasture Growth Model





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- 2. Comparison of 3 sites in 2017
 - Value of a perennial in extending feed supply



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Don't forget to check the BIGG website for your local moisture and climate info!