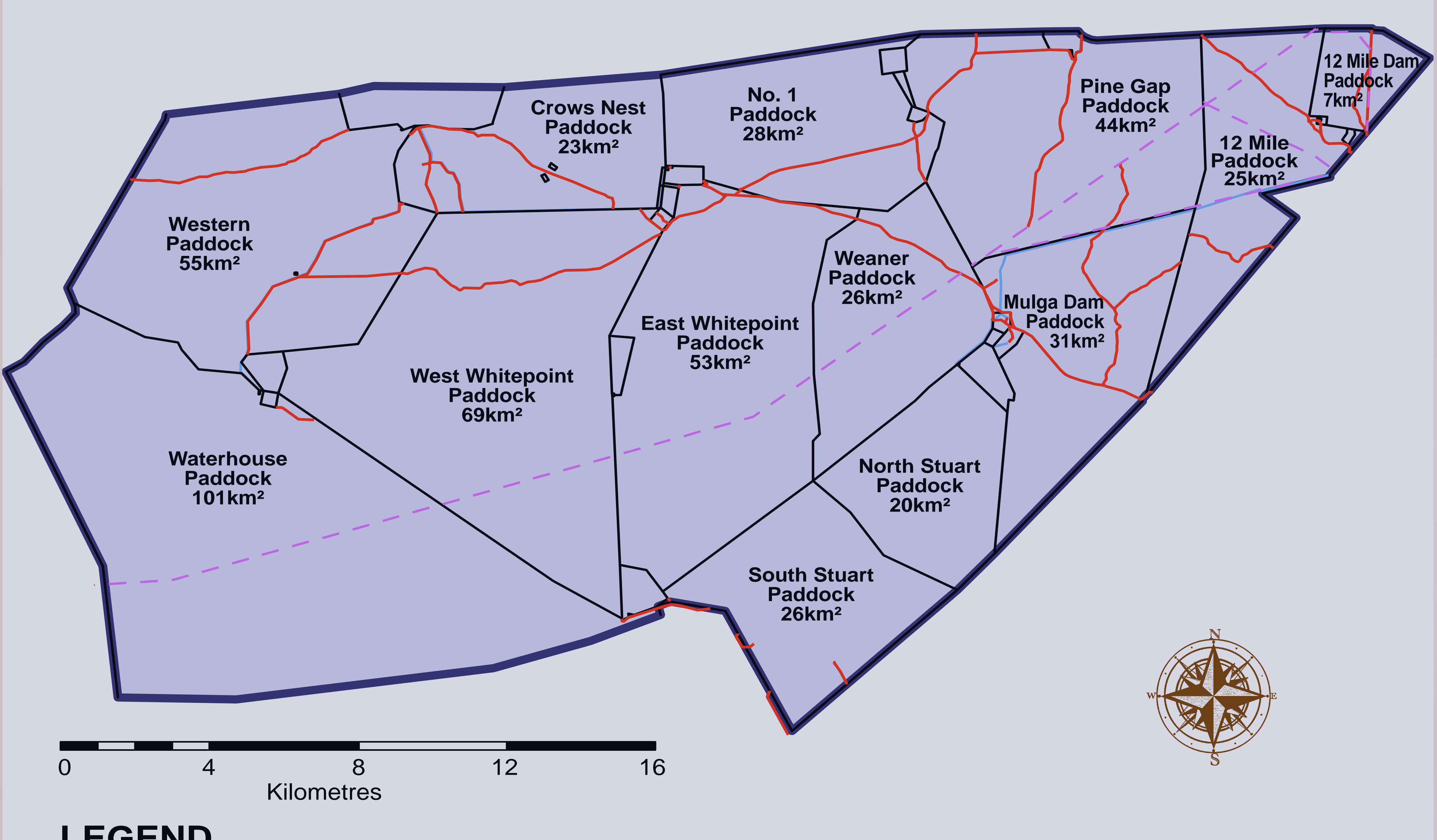


# Old Man Plains Research Station

Benefiting Pastoralists in Australia's Arid Region



## LEGEND

- Gas Pipeline
- Road
- Property Boundary
- Fence
- Water Pipeline

Total area = 550 sq km

## RESEARCH

Provides an opportunity to investigate solutions to challenges of pasture management and cattle production in a variable and unpredictable environment.

Carrying Capacity  
Grazing Systems  
Cattle Production Systems  
New Technology

## TRAINING

A unique venue offering a neutral and relaxed environment to co-operate with industry partners and to increase knowledge of the arid pastoral region.

Pastoral land managers  
Indigenous stakeholders  
Students

## DEMONSTRATION

An ideal location to demonstrate a variety of management options to the pastoral industry.

Grazing Land Management  
Breeder Herd Efficiency  
Remote Management Technologies

## LAND TYPES



### Drainage Systems with Mixed Grasses

Median Growth = 1180 kg/Ha  
AE/km² = 6.5



### Alluvial Plains with Buffel Grass

Median Growth = 797 kg/Ha  
AE/km² = 3.3



### Calcareous Plains with Oatgrass

Median Growth = 657 kg/Ha  
AE/km² = 1.8



### Mulga Woodland with Woollybutt Grass

Median Growth = 244 kg/Ha  
AE/km² = 0.7



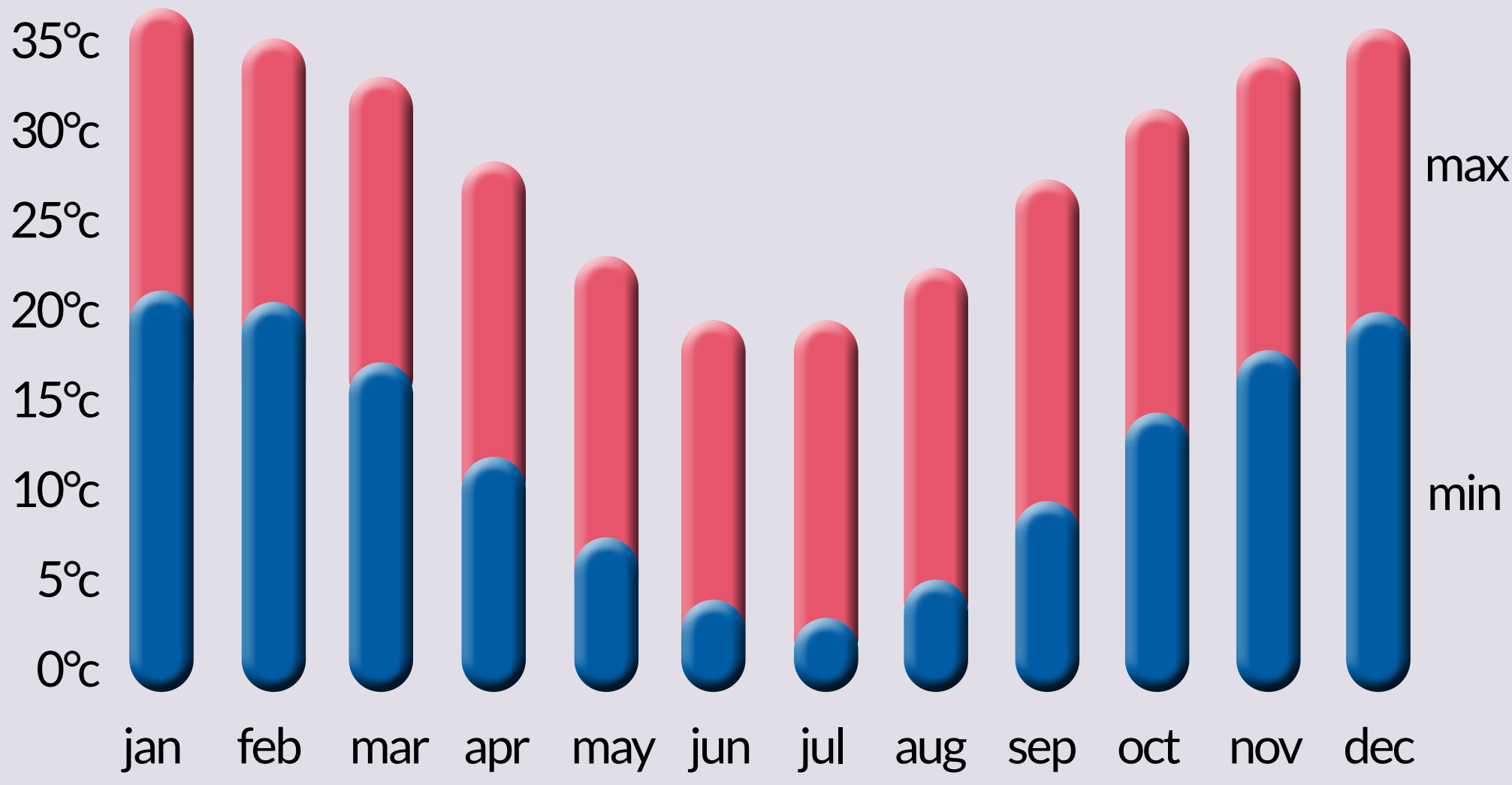
### Sandy Rises and Plains with Spinifex

Median Growth = 363 kg/Ha  
AE/km² = 0.2

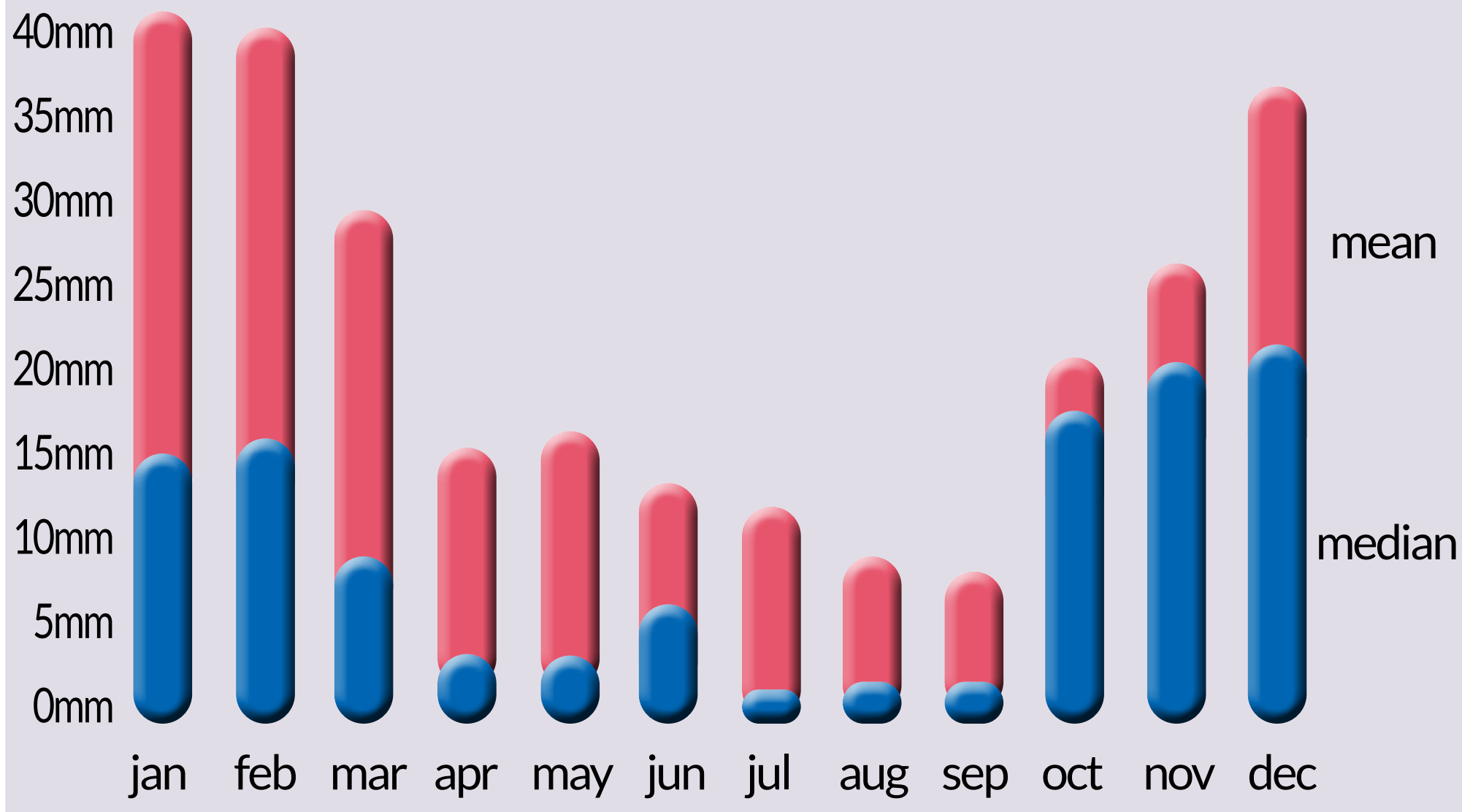
Adult Equivalent (AE) = 450 kg steer



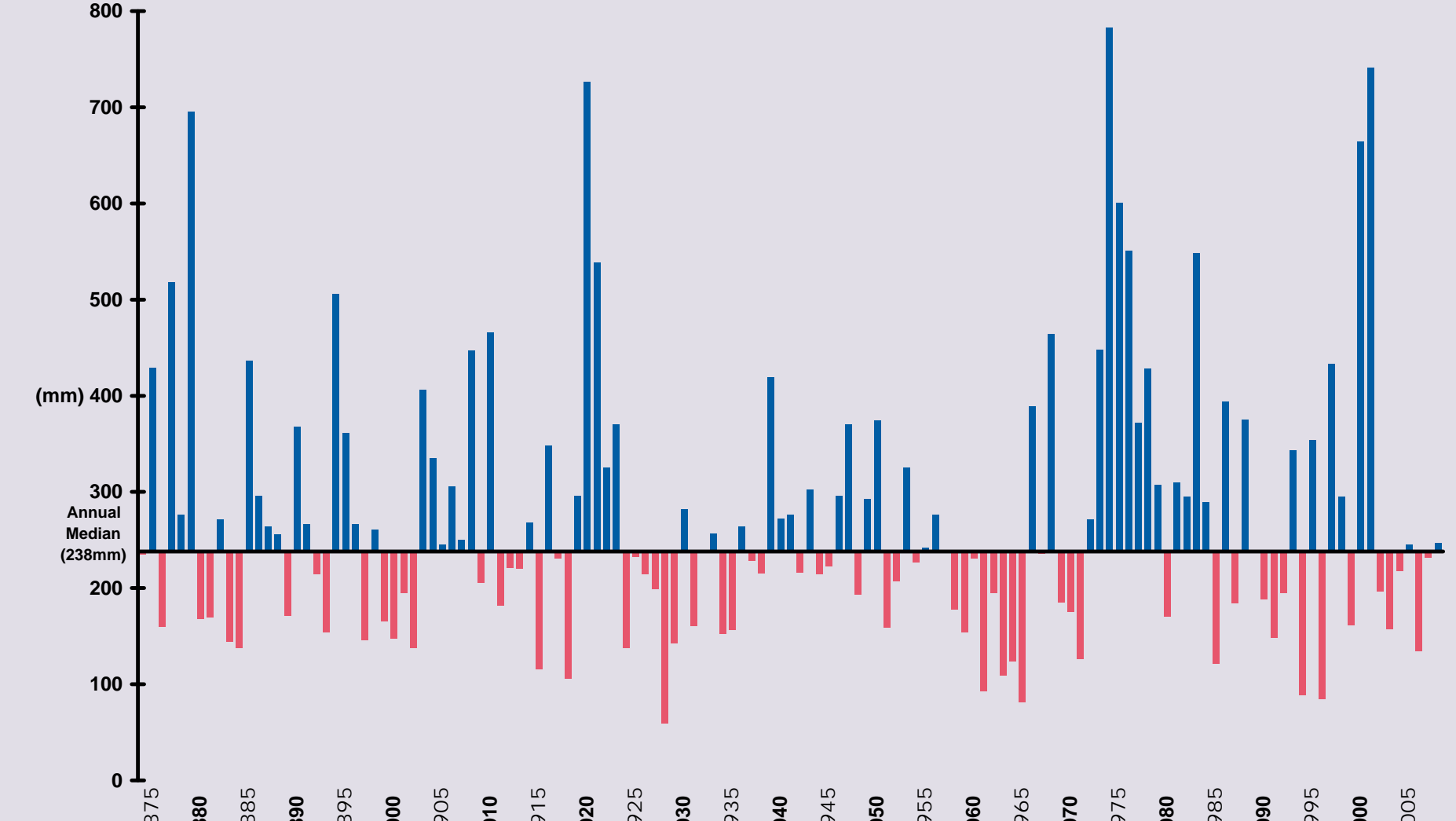
Alice Springs average daily temperatures



Alice Springs rainfall



Alice Springs rainfall patterns over the last 140 years



Regional climate data for Old Man Plains Research Station