

NAMWATER
Namibia Water Corporation Ltd



SECURITY OF WATER SUPPLY FROM SOURCE PERSPECTIVE

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10 September 2015

Outline

- Key concepts
- Dry spot areas
- Risks





Von Bach Dam in December 1996 – 10%



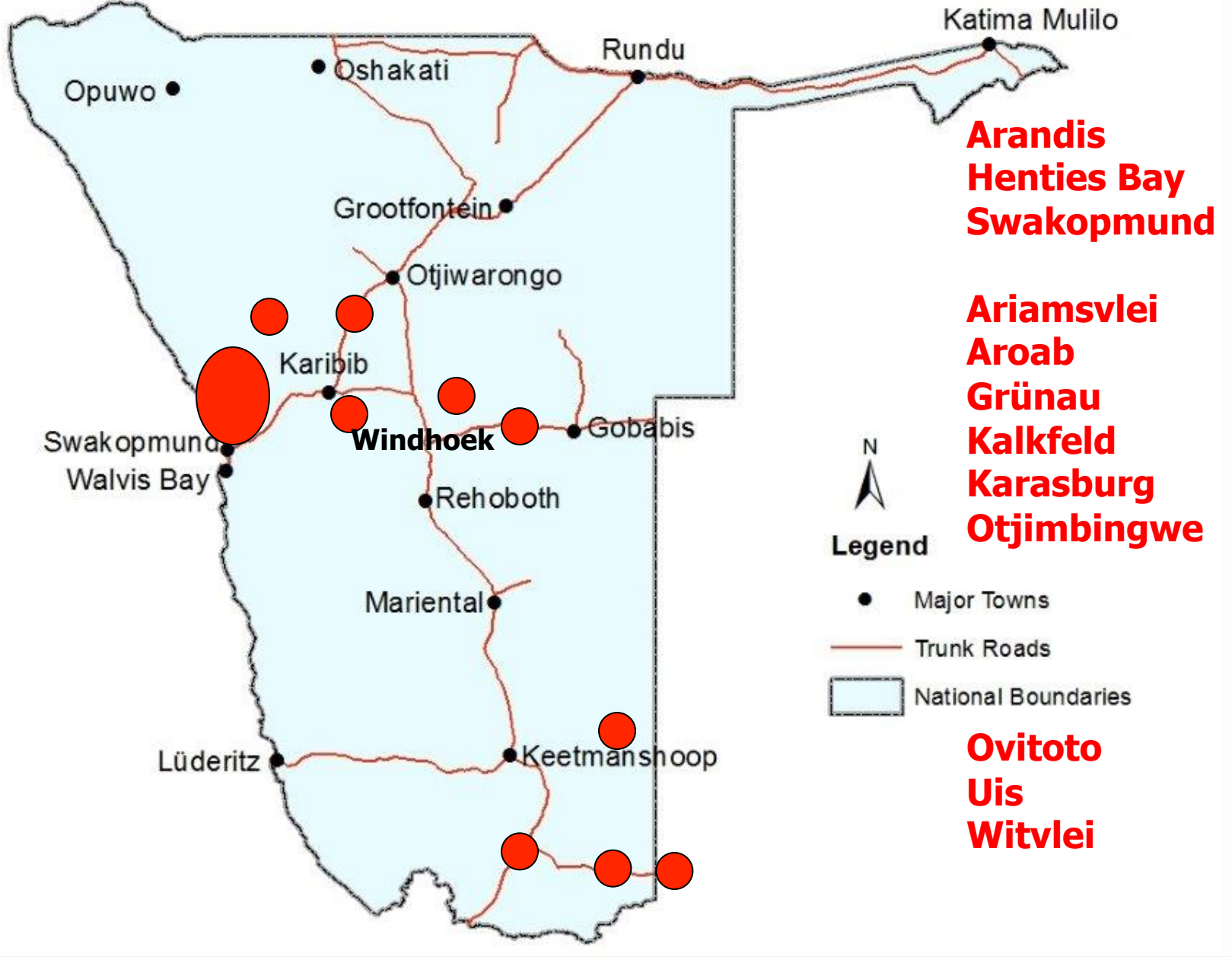
Von Bach Dam: 1973, 2006 & 2011

Key concepts



- Planning Norm: Available water reserves $>$ demand .. to bridge 2 rainy seasons. (May Year 0 - April Year 2)
- Hydrological drought usually occurs following periods of extended precipitation shortfalls that impact water supply (i.e. stream flow, dam and lake levels, ground water) potentially resulting in significant societal impacts. The impact of a meteorological drought may extend well beyond the borders of the precipitation-deficient area
- Grootfontein, Tsumeb, Omaruru, Koës and Oranjemund are excluded

DRY SPOT AREAS





28/05/2011

Semi-automatic tap



Automatic tap



Risks: Security of water supply



- Climate change
 - Water intensive economic development
 - Variability in rainfall
 - Water Management
- Losses in water systems

Thank you

