

NWP summary



- Importance of satellites
 - activities under review
- Precipitation & Ens.Prediction next main projects
- Land Surface
 - Climate/NWP ; CAWCR/WIRADA
 - Uptake of CABLE
 - Across many institutions (many drivers)
- Chemistry & Aerosol
 - Major influences to be resolved

Reanalysis



- Big \$\$
 - Lot of organization
- NWP involved
 - Provide technical aspects
 - Not using a “research” version
 - Receive diagnostics & assessment
- Bulk of benefits to rest of community

Collaboration



- **Data availability**
 - Operational NWP data sets available to registered users: cycling 2 weeks
 - Possible to include research data sets
- **Collaborative Projects**
 - Bureau does not have “academic freedom”
 - Require “Business Case” for all new activities
 - Need justification to Exec of what’s in it for us
 - Fortunately reasonable requests generally approved
 - CAWCR has signed up for SMOS related project
- **ACCESS-Polar & Ice ?**
- **Oceanic-Atmospheric weather**

Capability / Capacity



- Outreach to Unis

- Maths/Eng Maths in Industry Study Group etc.
- Next Generation Dynamics
- Minimization techniques
- Statistical sampling large systems
- Error growth & perturbation mechanisms
- Dynamics & adjoint
- Physical Parameterizations & DA

- Centre of Excellence ?

- Include Master's Program



- DA summer school
 - Cost?
 - Will be infrequent
 - Overseas examples of success
- Community test beds etc.
 - Extend UM training sessions as bridge between summer schools
 - Link with science workshops