Upgrades in the use of satellite radiance data since ITSC-19

- **Parallel Suite 34** (operational July 2014)
  - IASI thinning: 125km → 80km; ATOVS thinning: 125km → 100km

- **Parallel Suite 35** (operational February 2015)
  - Correlated errors for AIRS
  - Day-2 CrIS (use over land)
  - Tighter QC (new B)
  - IASI in UKV

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**Global**
- currently using:
  - IASI (M-A, M-B)
  - CrIS
  - AIRS
  - 5 ATOVS (N-15,-18,-19, M-A M-B)
  - ATMS
  - MSG/GOES CSR

**UKV:**
- MHS/AMSUB
- IASI
- CSRs

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**Parallel Suite 37** (due operational March 2016)
- Variational bias correction (see J. Cameron, 11.01)
- SSMIS (see A. Booton, 11.02)
- AMSR-2 (see S. Newman, 1p.05)
- FY-3C (see 1.01, 1.02, 1.04)
- M-T Saphir (see I.Rani, 1p.05)
- Correlated Errors for CrIS (see F. Smith, 5p.01)
- CrIS, ATMS and AIRS in UKV (see F. Smith, 5p.01)