

8mUG - May06

Gemini information

New for 06B

- Gemini North
 - NIFS
 - AO LGS
 - commissioning now, laser AO corrected images obtained
 - TEXES
 - single 17N block planned
 - Michelle Imaging Polarimetry
- Other
 - Subaru time swap
 - SuprimeCam and MOIRCS (imaging)

Upcoming instrumentation

- Gemini North
 - Michelle spectropolarimetry
- Gemini South
 - Flamingos2, arrive Q3-Q4 2006
 - NICI, arrive mid-2006 ?
 - MCAO and GSAOI - 2007 ?
 - GMOS red ccds ? GSC and Board placed these as highest instrument priority
- Other
 - MOIRCS spectroscopy

Aspen instruments

GPI - Gemini Planet Imager (was ExAOC):

Two concept design studies produced.

Will be built by CfAO - University of California, HIA, Montreal, AMNH

Ready ~2010

HRNIRS - High Resolution Near-infrared spectrograph:

Two concept design studies produced. Instrument on hold pending outcome of WFMOS CDR. Will however go ahead with.....

PRVS - Precision Radial Velocity Spectrograph:

Two concept design studies underway - due Sept 06.

GLAO - Ground Layer Adaptive Optics

Feasibility study produced (team included Durham).

One year site monitoring program in North will begin April/May.

If turbulence profiles are acceptable next stage is concept design study.

GWF MOS - Gemini Wide Field Multi-object spectrograph

Feasibility study produced by team headed by AAO (including Oxford, Durham and Portsmouth).

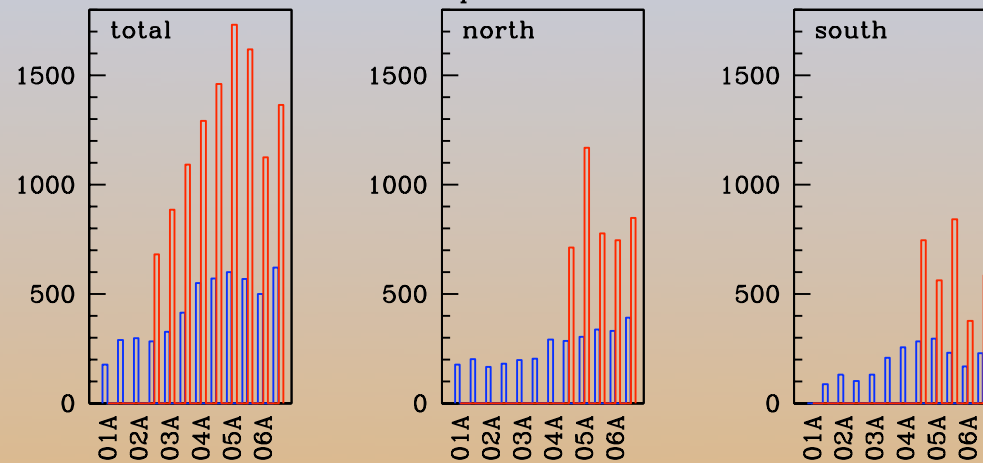
Two concept design studies underway - due May 07.

05B observing stats

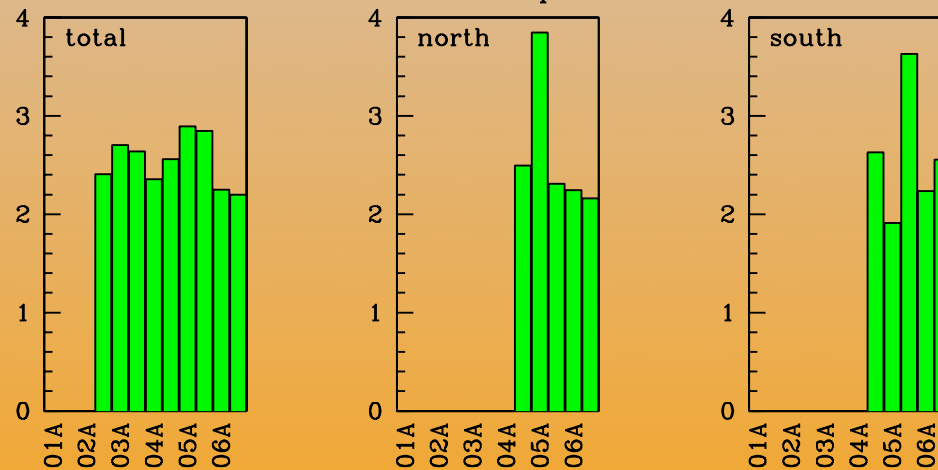
- Gemini North
 - science time planned for 129 nights (70%)
 - instruments scheduled on 147 nights (80%)
 - weather loss 20%
 - tel + inst 5.1% (of usable time)
- Gemini South
 - science time planned for 136 nights (74%)
 - instruments scheduled on 162 nights (88%)

Proposal statistics

hours requested and available



oversubscription



Q completion

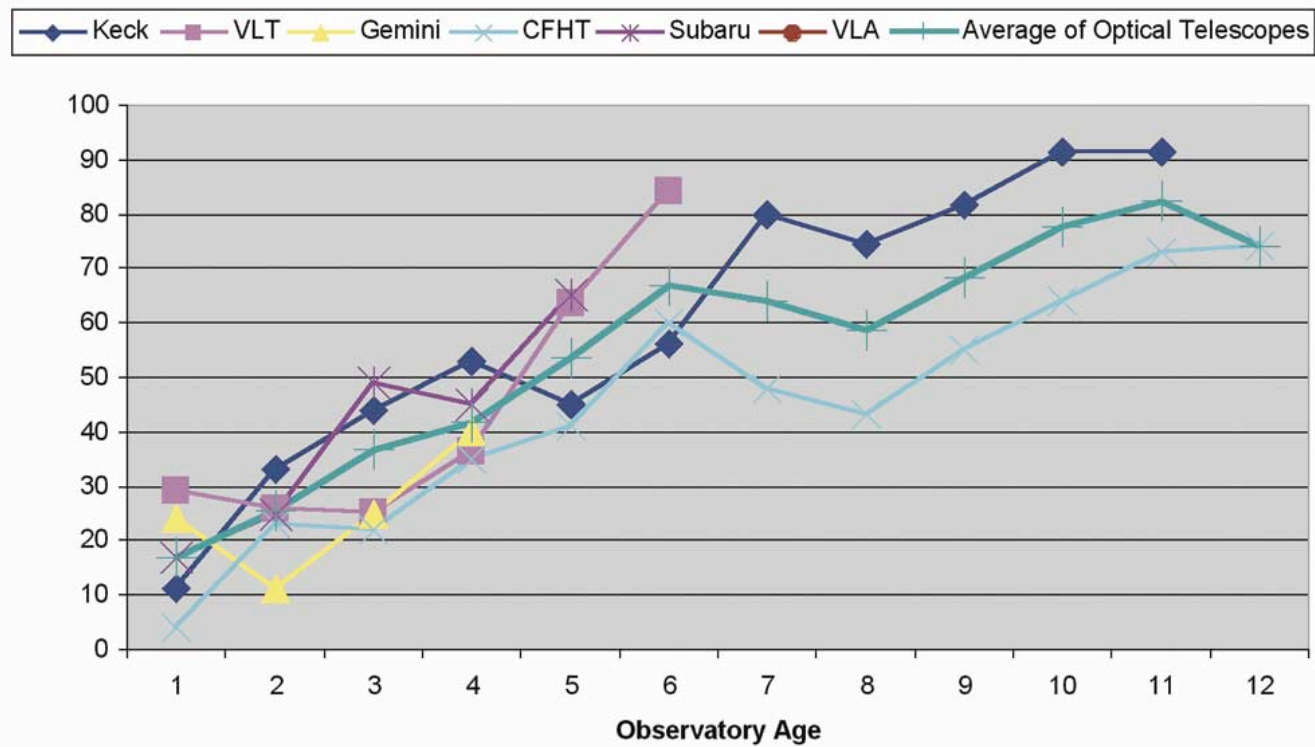
- Gemini program completion has improved considerably in the past few semesters, for several reasons:
 - Rollover (for two semesters) was introduced for selected Band1 programs in 04A
 - From 05A the number of programs in the Q was reduced, Band 4 was removed and the size of Band 1 was decreased.
 - Both telescopes now run a multi-instrument Q on every night
- Current Q band sizes are ~ Band1 (20%), Band 2 (30%), Band 3 (50%)

Q completion

- Gemini aims (by end 06A)
 - Band 1: 90% or more of programs are completed (100% of requested data) for all instruments (after roll-over period)
 - Band 2: 75% or more of programs are completed (100% of requested data)
 - Band 2 and band 3: 80-90% of started programs should have at least 75% of requested data taken (excludes programs with only GMOS pre-imaging)
- These goals are likely to be achieved for 05A and 05B.

Publications

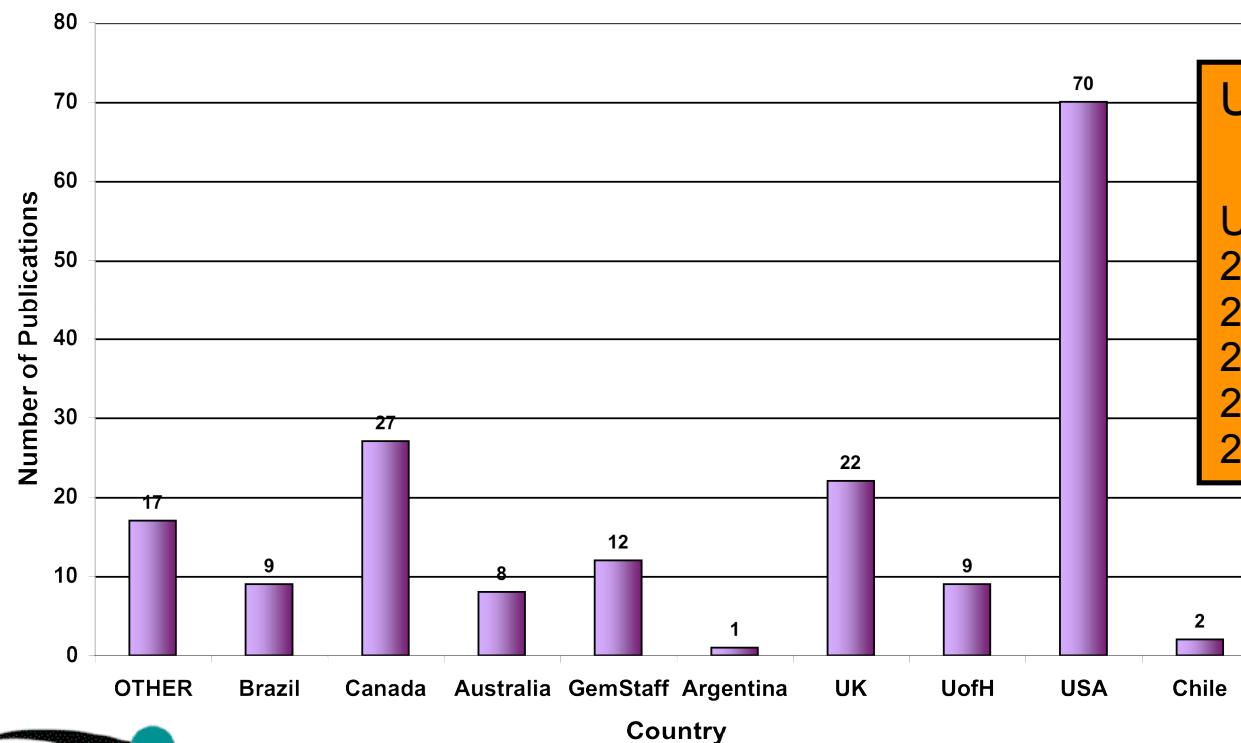
of Papers per Telescope
as a Function of Observatory Age



Publications - UK statistics



Publications per country of first author



UK 22/177~12%

UK 1st author

2002 8%

2003 12%

2004 18%

2005 12%

2006 21% (2006-05-01)



AOC-G/GSC Meetings 11-13 October, 2005

Phasel, Phasell, Other

- Possible 10 N swap with Keck
 - interest in other instruments
- Low interest in Subaru - why ?
- GSA - raw (non-QA) data now in archive within 30 minutes
- Other Feedback