OBSERVING RUN STATISTICS

During the second semester of 1986 (86II), the telescope was scheduled for scientific use on 167 nights (92%) and for engineering on 15 nights (8%). This compares with 163 scientific nights (90%) and 18 engineering nights (10%) in 86I. During the 167 scientific nights, 52 observing programs were scheduled. The table below shows the distribution of these programs and the allotted nights between the various instruments and configurations. It also shows the number of times each instrument was installed on the telescope. There are 9 upper-end exchanges. For comparison, the corresponding figures for 86I are also given.

CFHT INSTRUMENTS	Set-ups		Programs		Nights	
	86II	86I	86II	86I	86II	86I
RCA CCD @ PF (RCA2 in 86II,RCA1 in 86I)	3	4	10	9	35	40
RCA CCD @ F/8 " "	2	3	2	3	5	11
Coudé Spectro. + Reticon	3	4	6	8	21	40
Spectro Herzberg	3	1	5	1	16	5
FTS	1	1	4	3	14	3
Photon-Counting Camera at F/36	2	-	2	-	4	-
IR Photometers	1	2	1	2	2	7
PF Photographic	1	2	1	2	2	5
Spectro CASSHAWEC	-	1	-	2	-	8
CFHT TOTAL	16	18	31	30	99	119

VISITOR INSTRUMENTS	Set-ups		Programs		Nights	
	86II	86I	86II	86I	86II	86I
Cigale	1	-	2	-	12	-
Spectro UV Prime	1	1	5	3	11	12
IFA CCD @ F/8	1	1	3	1	7	3
IFA CCD @ Coudé	1	1	2	1	7	3
Spectro Multi-aperture	1	1	2	2	7	6
Spectro SILFID	1	1	4	2	7	4
DAO RV Scanner	1	-	1	-	6	-
Spectro SFM	1	-	1	-	6	-
IR Fabry Perot	1	-	1	-	5	-
F/8 Electronographic Camera	-	1	-	2	-	6
Photon-Counting Speckle Camera	-	1	-	1	-	6
Fabry-Perot + IFA CCD	-	1	-	1	-	2
10-micron Imager	-	1	-	1	-	2
VISITOR TOTAL	9	9	21	14	68	44
SCIENTIFIC TOTAL	25	27	52	44	167	163

The total number of programs has increased by 20% over 85II and 86I, with a corresponding decrease to 3.2 in the average number of nights per program. Visitor instrument use is at its highest level in the past three semesters and accounts for 40% of all scientific observing.

The following table presents the statistics for time lost for the 168 nights from 1 May 1986 through 15 October 1986. These figures were compiled from the Observing Night Reports, which are completed by the Telescope Operator and verified by the Observer at the end of each night. The corresponding figures from the previous period 1 November 1985 through 15 April 1986 (166 nights) and from one year ago are also given.

	Current	Previous	May-Oct 85
Observing Time	75.4%	63.5%	79.5%
Time Lost to Weather	21.4%	33.5%	15.7%
Time Lost to CFHT Equipment	3.0%	2.7%	4.6%
Time Lost to Visitor Equipment	0.2%	0.3%	0.2%

No time was lost to wind in contrast to the previous period, when 20.5% was lost to this cause.