

DIRECTORS' CORNER

Observers' Manual

Almost exactly two years after its 3rd version, the Observers' Manual 4th edition rolled out of the press on 23 March 1990. This latest edition is attributed to rapid changes at CFHT which, we hope, have been received by the astronomical community mostly as improvements. Please note that in this relatively short time span, more than half of Section 8 (CFHT Instrumentation) has been revised.

We hope that prospective observers will find this version useful. Any suggestions for improvements will be gladly received, preferably in a WordPerfect/Autocad computerized format.

G. Monnet

What Are Discretionary Nights Used For?

Careful readers of the CFHT Information Bulletin – if this category does indeed exist – may have seen "D" nights in the semestrial observing schedules, and may be wondering what they really are for.

These are indeed discretionary nights (currently 10 per semester), which are directly allocated by the Director. They are often used by CFH staff astronomers - for familiarization with the telescope/instruments as well as for their own astronomical ventures - but can also accommodate outside observers, for instance in case of unexpected astronomical events (targets of opportunity), or in the course of testing new techniques of interest to the Corporation.

To request the use of these nights, write directly to the Director. Please note however that the discretionary nights are not intended to give a second chance to programs that could have been submitted in the regular competition or ones that were submitted and were unsuccessful.

G. Monnet

OBSERVING RUN STATISTICS

During the second semester of 1990 (90II), the telescope is scheduled for scientific use on 158 nights (86%) and for engineering on 25 nights (14%). This compares with 163 scientific nights (90%) and 18 engineering nights (10%) in 90I. The engineering time includes a 12-night shutdown in July for a number of activities including: realuminizing the primary mirror, resurfacing the dome floor, repainting the lower part of

the dome, rearranging and upgrading the computer room, and repairing the windscreen. During the 158 scientific nights, 53 observing programs are 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 will be installed on the telescope. There will be 10 upper-end exchanges.

CFHT INSTRUMENTS	Set-ups	Programs	Nights	VISITOR INSTRUMENTS	Set-ups	Programs	Nights
FTS	2	7	28	DAO HR Camera	2	9	23 ¹
Coudé Spectro. + Reticon	3	5	15	CIRCUS IR Camera	1	4	11 ¹
Coudé Spectro. + CCD	1	1	3 ¹	TIGER Spectro	1	4	7
PUMA Focal Reducer	2	7	20 ¹	UH IR Camera	1	2	7 ¹
PF CCD Imaging	3	3	14 ²	SILFID Spectro	1	3	6
Palila (Fabry Pérot)	1	2	5 ¹	I/a CCD @ f/8	1	2	5
Herzberg Spectro	1	1	3	OPM Polarimeter	1	1	4
				DAO RV Scanner	1	1	4
				FTS + UH IR Camera	1	1	3 ¹
CFHT INST. TOTAL	13	26	88	VISITOR INST. TOTAL	10	27	70
¹ Includes 1 discretionary night		² Includes 3 discretionary nights		SCIENTIFIC TOTAL	23	53	158
<p>Visitor instrument use represents 44% of all scientific observing. This high value results primarily from the heavy usage of the DAO HR Camera (23 nights).</p>				<p>The average number of nights/visitor program is 2.8.</p>			