

8 focus, in B13 position
47

Gross that lowest focus is below range
Use 4750 in anticipation of dropping T.

9 Not good images. Maybe should stay @ 4760;

14 abandon 4755 - how's 4750?

16 & 20 sec stay 1701 use check sheet - next 100s
17

END
OF
NIGHT

T = -5.11 Hum 25%
Wind 25-30 W

PLUTO tonight
Sep = 0.68 = 3.09 pixels
transit @ 5:39

time	alt	airmass
5:39	63°	1.12
5:20	62	1.13
5:00	60	1.14
4:40	58:40	1.17
4:20	55:49	1.21
4:00	52:32	1.26

(got mail from Oliver for making astrolabs)

MARCH 2 OBSERVING

3:00 Am. scope.

Winds 40-50 MPH W

Hum 42% Hum

T_{air} tube -6.04

Focus 4753

Seeing lousy.

14:10 Temp = -5.62

Hum 40%

4742

(1008, 1075)

(1)

1106, 712

— only star that's near 10,000 ADU

(2) All below 10,700 except old focus

Focus (2) 1012, 1075

(3)

(4)

focus

5-

4-

3-

710

720

30

40

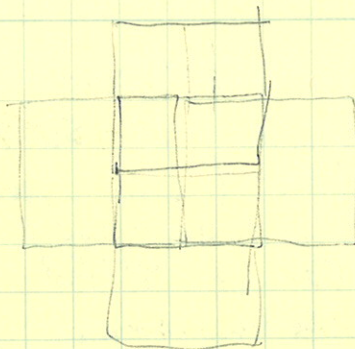
50

60

70

Best focus in 4740. Seeing's bad, SPPendro's poor.
Go to M12

M12



6	4	8
2	1	3
9	5	7

⑤ 1st look @

Questions are we well exposed?

Yes. Just one stage is saturated.

offset by $1/2$ the chip = 225 arcsec

$$\begin{array}{r}
 \Delta x \quad \delta \\
 -225 \quad 0 \\
 +225 \quad 0 \\
 0 \quad +225 \\
 0 \quad -225 \\
 \hline
 -225 \quad +225 \\
 +225 \quad -225
 \end{array}$$

13- random 6x6 for M12
Then do some B anyway.

Argh! The 6x6 list is NOT random!
Besides, the seeing's improving? $5.7 \text{ px} = 1.1''$ (still bad)

Do a DF — find

COOKING THE DATA

	2/25	2/26	2/27	3/1
read raw	✓	✓	✓	✓
raw → iraf	✓	✓	✓	✓
deleted raw	✓	✓	✓	✓
trim, bias	✓	✓	✓	✓
[written, compressed]	✓	✓	✓	
flattened	x	x	✓	✓
written	x	x	✓	✓
compressed	x	x	✓	✓
archived	✓	✓	✓	
erased	✓	✓	✓	

MAR 3 — NOT OPENED

Getting help files from ftp.nao.edu//naflib/does

ccdguide.ps.Z 12 pp
 ccdred.ps.Z 12
 ccduser2.ps.Z 55
 daophot2.ps.Z 71 pp
 daophotman.ps.Z 85 pp
 mwcs.txt.Z 20 pp

MAR 4

telnet jach or ukirt
 13:00 UT weather still bad up top-
 90 MPH winds, 100% humidity. TV's gone to bed....

Making starlists from strip search files.

range: 16:04:45.43 — 16:05:55
 -6:43:34.41 — -7:04:07.42
 case P1046, A(-6:43:44.87 - -6:52:51.6)
 P1048A (-6:54:02.20 - -7:04:07.77)
 P1047 (-6:52:30 - -6:54:22)

TCS clock updates EVERY TIME TO
 slews
 Accurate to $\approx 1/2$ sec.

MARCH 8 UT

7:00 PM HST Arrive dome
5:00 UT

Looking at times:

"Cronolog" 2 seconds faster than watch
TCS 0 UT 6 seconds faster than watch
Anaconda - 2 seconds faster than watch.

At 10:00 book of CCD standard fields

NGC 2264 p1 PHOTOMETRY
NGC 7790 p3
NGC 2419 p7 ApJ 196 413 PHOTOM
NGC 4147 p12 PHOTOM ApJ 60 230 1950
M3 Glob. field p14 GEOM. α 13:41:17 δ 28:34:50 ApJ 162 841
M92 p17 PHOTOM ApJ 143 313
M15 glob. field p20 GEOM. DISTORTION FIELD α 21:27:16 δ 12:01:05 1950
NGC 7006 24 PHOTOM ApJ 215, 62
R

intukt.jash.hawaii.edu
user > weather

TCS does up late

NO FLUSH - click on the 0
+ 2 seconds w/o flush
+ 3 seconds w/ flush

ANY CHANCE of catching the next elongation?

From Tholen's ephemeris

	α 1950	δ	sep	$\Delta\alpha$	$\Delta\delta$
March 9 15:00	16 02 40.27	-6 42 54.4	0.3107	0	0
10	16 02 39.75	-6 42 29.8	0.6830	7.8 = 13 pix	24.6 = 42 pix
11	16 02 39.09	-6 42 04.2	0.8998	17.7 = 30 pix	50.2 = 85 pix

Using these $\Delta\alpha$, $\Delta\delta$ to the J2000 coords for B $\Rightarrow$

α 2000 $\sim \delta$
 11 16 05 22.63 -6 50 14.2

candidates from GSC file id

~~53-16-05-28.3~~

March 9 13:10 UT WINDS STILL 60-70 MPH.

Doing laundry, cleaning up baade...

Files I'm mailing to chandon:

tmpX — x defaults for color emacs (from Mike Ressler)
 todo — my summary + todo list
 v — v filter response

tholen-email.eph

75as.2x2, 75as.bxb.brand offsets (never used)

950222. --- object lists

glob.bxb } pieces of object lists

non-pluto }

random.m

template

stanlist

tar.sh

mme code for making obj. lists.

template obj. list.

cat. of ascii contents of stanlist

shell script for mindless fanning

MARCH 10

downloading data...

/data2/young/projects/massratio95/cooked

980222 ✓

23 ✓

24 ✓

> alias rssa1 rsh ssc1 -l visior

25

26

27

> rssa1 mt -f /dev/nrst1 stat

0301

0302

> ~~rssa1 tar xvf /dev/nrst1~~ |

> (rssa1 "dd if=/dev/nrst1") | tar xvf -

dd: read: Invalid argument

0+0 records in

0+0 records out

tar: read error unexpected EOF

cf mail messages
36 + 38> rssa1 tar tvf /dev/nrst1
works

> (rssa1 "dd if=/dev/nrst1; bs=20") | tar xvf -