

Telescope: 61"

Frame prefix #: SP89C01

Day of Week: Thursday

RA offset:

Focus: 3870

Humdty: 56%

Sheet #: 1

Observers: Munitz, Rik, Robert, Lynd

Date MST/UT: April 13/14

Dec offset:

Tailpiece: 24.5

Balance: 2w

Temp O/I: 92/44

Exp #	Object	Exp time	Filter slit	Counts Object/Sky	Exp start MST	RA set	Dec set	Hour-angle exp-start	Comments (P.A., seeing, Moon, clouds, etc.)
001	FRS 3710	0.6	1m	12000					Dichroic on
002	"	0.6	"	10100		9:27:17	-06:09:31	+0:27	1.29 all
003	"	0.6	"	10300		"	"	0:30	1.28
004	"	"	"	10300		"	"	0:31	1.29
005	SAO 120107	2000	"	9090		15:46:33	+06:05:32	-3:30	1.77 #7
006	"	"	"	8200		"	"	"	1.74 at edge of slit
007	"	"	"	8700					1.71
008	"	"	"	10300				-3:44	1.68
009	"	"	"	"				-3:44	1.68
009	Photo	600	v	7000	5:16:22	15:06:49	-0:31:23	-3:43	2.14 7000cts
010	"	600	"	4700	5:22:56			5	1.99
011	"	600	"	7400	5:38:55				1.83
012	SAO 120107	20	"	12300	5:53:52				
13	SAO 120107	15		11000	5:55:30				1.23
14	"	"			5:56:44				JUNK

Telescope:

Frame prefix #: 5p89c

Day of Week: Thurs

RA offset:

Focus:

Humdty:

Sheet #: 2

Observers:

Date MST/UT:

Dec offset:

Tailpiece:

Balance:

Temp O/I:

Exp #	Object	Exp time	Filter slit	Counts Object/Sky	Exp start MST	RA set	Dec set	Hour-angle exp-start	Comments (P.A., seeing, Moon, clouds, etc.)
15	Sao120107	25	1mm	9000	5:57:58				
16	"	15	"	7500	5:59:02				1.22
17	PLUTO	600	"	7700	6:07:38				1.64
18	"	"	"	7200	6:18:27				1.57
19	"	"	"	7400	6:29:26				1.51
20	Sao120107	15	"	9100	6:44:05				1.15
21	"	"	"		6:45:07				1.15
22	"	"	"		6:46:16				
23	"	"	"	9600	6:47:34				1.14
24	Pluto	600	"	4400	6:52:09				1.41
25	"	"	"		7:02:56				1.37
26	"	"	"	6300	7:13:30				1.33
27	"	"	"	3900	7:24:20				1.30
28	Sao120107	15	"	10300					
29	"		"		7:40:27				1.12

Telescope: 61"

Frame prefix #: 5089c

Day of Week: Thu

RA offset:

Focus:

Humdty: 57 Sheet #: 4

Observers: Fil, Paul, Munn, D. Sade

Date MST/UT: April 13/14

Dec offset:

Tailpiece:

Temp O/I: 40/42

Exp #	Object	Exp time	Filter slit	Counts Object/Sky	Exp start MST	RA set	Dec set	Hour-angle exp-start	Comments (P.A., seeing, Moon, clouds, etc.)
44	VB 8	120	1mm	2200					dichroic filter
✓ 45	"	600	1mm	7000	10:16	16:5504	-0822 58	-0:30	1-33 - film had set - perfectly clean
46	"	"	"	5300	10:28	"	"	-0:19	1-33 3800 shifted ✓
4A	"	"	"	7700	10:41	"	"	-0:07	1-32 shifted ✓
48	BS 6660	0.5	"	9240	11:10	16:4504	-08 21 05	+1:02	1-38 shifted ✓
49	"	"	"	8100	"	"	"	+1:04	1-38 shifted
50	" Cap	"	"	9200	11:12			"	" shifted
51	"	"	"	9000				+1:06	1-38
52	"	"	"	9700	11:14	"	"	1:07	1-38
53	"	"	"	8500	11:15	"	"	1:08	1-39
54	"	"	"	9000	11:16				1-39
55	"	"	"	9700	11:17			1:09	1-39
56	BS 6624	0.2	"	10600	11:32	17:47 24	2 42 09		1-15
57	Star	0.20	"	12400	11:32	"	"	-0:07	"
58	"	0.15	"	9400				-0:06	"
59	"	0.15	"	fil 10000	11:35				"

Telescope: 61"

Frame prefix #: FR29C

Day of Week: Th

RA offset:

Focus:

Humdty:

Sheet #: 7

Observers: *Rich, Manville's
Dibb, Long*

Date MST/UT: Apr 13/14

Dec offset:

Tailpiece: 34.3

Balance: 2w Temp O/I:

Exp #	Object	Exp time	Filter slit	Counts Object/Sky	Exp start MST	RA set	Dec set	Hour-angle exp-start	Comments (P.A., seeing, Moon, clouds, etc.)
016	Pluto	30		^{r=5} 32746					
017	"	30		32870	5:20:58				
018	"	30		33650					
019				33500					+ .1 (E)
020				33810	26:52				+ .11
021				34550	29:45				+ .16
022				34550	32:18				+ .22, -3.4 (Guided)
023				35103					+ .07 ✓
024				34830					+ .07 ✓
025				34575	38:32				+ .05 ✓
026				34980					+ .07, +.47 ✓
027				35525	42:22				+ .07, +.41 ✓
028				35945					+ .14, +.35 (Guided)
029				35735	46:04				- .03, +.01 ✓
030				36148					- .05, " ✓

Telescope:

Frame prefix #: FR29C

Day of Week:

RA offset:

Focus:

Humdty:

Sheet #: 2

Observers:

Date MST/UT:

Dec offset:

Tailpiece:

Balance:

Temp O/I:

Exp #	Object	Exp time	Filter slit	Counts Object/Sky	Exp start MST	RA set	Dec set	Hour-angle exp-start	Comments (P.A., seeing, Moon, clouds, etc.)
031	SAO 120107								
032		1		23 ⁵⁰⁰ / 114890	05:54:08				
033		0.6		63494					x=1.23 -0.27 (Guided)
034		11		69517					-11, +.48 ✓
035	↓	11		64051					
036	P			36545	6:02:23				+1.49, -0.8 (Guide)
037				36260					-.14, -.3 (11)
038				36577	6:08:15				+0.03, -.26 ✓
039				36330					+1.12, -.43 (G)
040				36500	12:23				-.17, - (G)
041				38371	14:43				+1.07, -.21 ✓
042				37800	16:28				+1.15, -0.4 (G)
043									
044				36540	6:19:28				+1.01, -.05 ✓
045									
046	↓								

22:14

2099519 mega bytes
log 89007, t.f.

Telescope:

Frame prefix #: FR82C

Day of Week:

RA offset:

Focus:

Humdty:

Sheet #: 3

Observers:

Date MST/UT:

Dec offset:

Tailpiece:

Balance:

Temp O/I:

Exp #	Object	Exp time	Filter slit	Counts Object/Sky	Exp start MST	RA set	Dec set	Hour-angle exp-start	Comments (P.A., seeing, Moon, clouds, etc.)
046	<u>R</u>	30		36700	6:22:14				+0.01, -0.03 ✓
047					23:54				
048				37830	25:05				-0.15, +0.14 (B)
049					27:15				+0.09 ✓
050				37460	28:36				+0.05, -0.25 ✓
051				37140	30:10				-0.02, -0.25 ✓
052				37130	31:42				-0.05, -0.14 ✓
053				37520	33:15				-0.08, -0.23 ✓
054				37680	34:45				+0.01, -0.3 ✓
055					36:18				
056				37530	37:29				-0.08, +0.35 ✓
057	SAD 120107	0.6		65000					
058				65050					+0.14, -0.94 (G)
059				64950	46:25				-0.16, -1.39 (G)
060					47:47				

Telescope:

Frame prefix #: *FR29C*

Day of Week:

RA offset:

Focus:

Humdty:

Sheet #: *4*

Observers:

Date MST/UT:

Dec offset:

Tailpiece:

Balance:

Temp O/I:

Exp #	Object	Exp time	Filter slit	Counts Object/Sky	Exp start MST	RA set	Dec set	Hour-angle exp-start	Comments (P.A., seeing, Moon, clouds, etc.)
<i>061</i>	<i>♀</i>	<i>30</i>		<i>38735</i>					<i>+29, -14.4 (G)</i>
<i>062</i>				<i>37960</i>	<i>6:52:46</i>				<i>-0.38, +3.70 (G)</i>
<i>063</i>				<i>38880</i>	<i>55:05</i>				<i>+1.07, +1.1 ✓</i>
<i>064</i>					<i>56:52</i>				
<i>065</i>				<i>38360</i>	<i>58:05</i>				<i>-1.08 ✓</i>
<i>066</i>				<i>37780</i>	<i>59:39</i>				<i>-0.19, -0.77 (G)</i>
<i>067</i>				<i>38230</i>	<i>7:01:42</i>				<i>+1.24, -1.5 (G)</i>
<i>068</i>				<i>37970</i>	<i>03:48</i>				<i>-1.08, +1.8 ✓</i>
<i>069</i>				<i>38490</i>	<i>05:22</i>				<i>-0.26, +1.1 (G)</i>
<i>070</i>					<i>07:12</i>				
<i>071</i>				<i>37300</i>	<i>08:23</i>				<i>+0.01 ✓</i>
<i>072</i>					<i>09:57</i>				
<i>073</i>					<i>11:08</i>				
<i>074</i>				<i>38080</i>	<i>12:35</i>				<i>-0.35, -0.8 (G)</i>
<i>075</i>					<i>14:28</i>				

Telescope:

Frame prefix #: FR84C

Day of Week:

RA offset:

Focus:

Humdty:

Sheet #: 5

Observers:

Date MST/UT:

Dec offset:

Tailpiece:

Balance:

Temp O/I:

Exp #	Object	Exp time	Filter slit	Counts Object/Sky	Exp start MST	RA set	Dec set	Hour-angle exp-start	Comments (P.A., seeing, Moon, clouds, etc.)
076	<u>P</u>	30		38900	7:15:58				+0.27, -1.0 (G)
077	"			38760	17:58				+1.03 ✓
078	"				19:58				
079	"			39130	21:10				-1.01, -0.64 ✓
080	"				22:46				
081	"			39280	23:58				-0.40, -0.7 (G)
082	"				26:00				
083	"				27:17				-0.38, -0.61 (G)
084	"				30:36				
085	"				32:25				
086	SAO ¹²⁰ ₁₀₇	0.6		66800					
087									
088									
089									
090				65660	7:42:07				-0.09, 1.7 ✓ (G)

Telescope:

Frame prefix #: PR89C

Day of Week:

RA offset:

Focus:

Humdty:

Sheet #: 6

Observers:

Date MST/UT:

Dec offset:

Tailpiece:

Balance:

Temp O/I:

Exp #	Object	Exp time	Filter slit	Counts Object/Sky	Exp start MST	RA set	Dec set	Hour-angle exp-start	Comments (P.A., seeing, Moon, clouds, etc.)
091	SP020107	0.6		6533	7:43:43				
092	SP020107	30	Dark?		50:12				
093	<u>P</u>	30			54:30				-1.03, 1.5 ✓
094					57:27				
095				41025	58:44				-0.07, +0.51 ✓
096					8:00:44				
097				41561	01:57				-1.13, (G) ✓
098				41670	04:10				-0.02 ✓
099					05:57				
100				42115	07:12				-0.24, -0.5 (G)
101					09:39				+31.43 Jumped in ♂
102				41093					↑ (G) -0.10 in α
103				41830	15:15				
104					16:53				
105				41830	18:05				

Telescope:

Frame prefix #: *FRMC*

Day of Week:

RA offset:

Focus:

Humdty:

Sheet #: *7*

Observers:

Date MST/UT:

Dec offset:

Tailpiece:

Balance:

Temp O/I:

Exp #	Object	Exp time	Filter slit	Counts Object/Sky	Exp start MST	RA set	Dec set	Hour-angle exp-start	Comments (P.A., seeing, Moon, clouds, etc.)
106	<i>P</i>	<i>30</i>			<i>8:20:04</i>				
107				<i>41900</i>	<i>21:21</i>				<i>-0.12 (G)</i> <i>tel jumped in 8 again!</i>
108				<i>42000</i>	<i>23:22</i>				<i>-0.12, (-29.4) (S)</i>
109				<i>42900</i>					<i>OK</i>
110					<i>27:36</i>				
111				<i>41940</i>	<i>28:54</i>				
112				<i>42230</i>	<i>30:28</i>				
113				<i>4</i>	<i>32:03</i>				
114				<i>42480</i>	<i>33:17</i>				
115				<i>42650</i>	<i>34:55</i>				
116					<i>36:28</i>				
117				<i>41950</i>	<i>37:40</i>				<i>-0.11(w) (G)</i>
118				<i>41830</i>					<i>+31" N!!! (G)</i>
119					<i>44:59</i>				
120				<i>41465</i>	<i>52:54</i>				

