

SPECTROGRAPH LOG SHEET

Observers: J. HinzInstrument: Blue ChannelConditions: clear but poor seeing ~2"Date: 10/5-6/19File prefix: SkylabsDetector Info: focus ~ 2.7 bin [1, 2]

File #	Target Name	Filter	Grating	Slit/Apt	Ref λ	Rot PA	Exp	Coadds	UT	AM	HA	Comments
1	G191323	none	300l/mm	5" x 180"	5806	2.08	100s		7:35	1.47		spectrot standard
2	"	"	"	"	"	1.77	200s		7:38	1.45		~1.6" seeing
3	"	"	"	"	"	1.24	300s		7:41	1.44		
4	sky-az90-el85	none	300l/mm			4.15	100s		7:49	1.00		EL=85 Az=90
5	"					3.41	"		7:51	1.00		
6	"					2.50	"		7:53	1.00		
7	"					1.18	"		7:56	1.00		offset +10" az
8	sky-az370-el85	none	300l/mm			2.28	100s		8:01	1.01		EL=85 Az=276
9	"					1.82	"		8:04	1.01		
10	"					1.08	"		8:06	1.01		
11	"					1.01	"		8:08	1.01		offset +10" az
12	sky-az376-el85	none	300l/mm			-2.61	100s		8:13	2.90		EL=20 Az=37.6 Rosemont
13	"					-3.06	"		8:16	2.84		
14	"					-3.43	"		8:18	2.80		
15	"					-3.80	"		8:20	2.77		offset +10" az
16	sky-az376-el85	none	300l/mm			2.50	100s		8:25	1.46		EL=45 Az=37.6 Rosemont
17	"					1.97	"		8:27	1.39		
18	"					1.39	"		8:29	1.39		
19	"					0.98			8:31	1.38		offset +10" az

SPECTROGRAPH LOG SHEET

Observers: J. HinzInstrument: Blue ChannelConditions: clearDate: 10/5-6/19File prefix: skygts

Detector Info: _____

File #	Target Name	Filter	Grating	Slit/Apt	Ref λ	Rot PA	Exp	Coadds	UT	AM	HA	Comments
20	sky-a2 67.5-2020 none		300 μ m	5" x 180"	5800	3.44	1605		8:36	2.51		EL=20 Az=67.5 Vigneto
21	"					3.20	"		8:38	2.74		
22	"					3.07	"		8:40	2.71		
23	"					2.88	"		8:43	2.65		offset +10" az
24	sky-a2 67.5-2145 none		300 μ m			1.62	1005		8:46	1.40		EL=45 Az=67.5 vigneto
25	"					1.32	"		8:49	1.38		
26	"					1.16	"		8:50	1.38		
27	"					0.92	"		8:52	1.37		offset +10" az
28	sky-a2 352-2020 none		300 μ m			1.06	1005		8:58	3.02		EL=20 Az=352 Tucson
29	"					0.57	"		9:00	3.03		
30	"					0.10	"		9:02	3.04		
31	"					-0.37	"		9:04	3.05		offset +10" az
32	sky-a2 352-2045 none		300 μ m			0.92	1005		9:08	1.44		EL=45 Az=352 Tucson
33	"					10.18	"		9:11	1.44		star in field?
34	"					9.55	"		9:14	1.44		
35	"					8.94	"		9:16	1.44		
36	"					8.40	"		9:18	1.44		offset +10" az

SPECTROGRAPH LOG SHEET

Observers: J. Hinz

Instrument: Blue Channel

Conditions: clear

Date: 10/5-6/19

File prefix: skyobs

Detector Info: _____

File #	Target Name	Filter	Grating	Slt/Apt	Refλ	Rot PA	Exp	Coadds	UT	AM	HA	Comments
37	sky-az186.6-270	none	300l/mm	5"x180"	5800	-3.81	100s		9:23	2.95		EL=20° Az=186.6 Nogales
38	"					-3.30	"		9:26	2.96		
39	"					-2.42	"		9:29	2.96		
40	"					-2.26	"		9:30	2.96		offset +10" az
41	sky-az186.6-270	none	300l/mm	5"x180"		-0.8	100s		9:33	1.44		EL=45° Az=186.6 Nogales
42	"					-0.62	"		9:35	1.44		
43	"					-0.03	"		9:37	1.44		
44	"					0.63	"		9:39	1.44		offset +10" az
45	sky-az186.6-270	none	300l/mm	5"x180"		-3.00	100s		9:43	1.55		EL=40° Az=186.6 Nogales
46	"					-2.37	"		9:45	1.55		
47	"					-1.79	"		9:47	1.55		
48	"					-1.25	"		9:49	1.56		offset +10" az
49	sky-az270-270	none	300l/mm	5"x180"		-1.22	100s		9:54	2.98		EL=20° Az=270° West
50	"					-1.22	"		9:56	3.05		clouds to north
51	"					-1.22	"		9:59	3.13		
52	"					-1.23	"		10:01	3.31		offset +10" az
53	sky-az270-270	none	300l/mm	5"x180"		-1.81	100s		10:05	1.39		EL=470° Az=270° West
54	"					-1.82	"		10:07	1.40		
55	"					-1.82	"		10:09	1.41		
56	"					-1.82	"		10:11	1.42		offset +10" az

SPECTROGRAPH LOG SHEET

Observers: J. HinzInstrument: Blue ChannelConditions: Some clouds in NDate: 10/5-6/19File prefix: skyobs

Detector Info: _____

File #	Target Name	Filter	Grating	Slit/Apt	Refλ	Rot PA	Exp	Coadds	UT	AM	HA	Comments
57	sky-az90-el20	none	3002mm	5"x180"	5800	-1.76	100s		10:17	2.85		El=20° Az=90° East
58	"					-1.76	"		10:19	2.80		
59	"					-1.74	"		10:21	2.74		
60	"					-1.73	"		10:23	2.69		offset +10" az
61	sky-az90-el56	none	3002mm	5"x180"	5800	-1.11	100s		10:28	1.19		El=56° Az=90° East
62	sky-az90-el56					-1.08	"		10:31	1.18		star N
63	"					-1.06	"		10:33	1.18		
64	"					-1.05	"		10:35	1.17		
65	"					-1.01	"		10:38	1.16		
66	"					-1.97	"		10:40	1.16		offset +10" az
67	GD71	none	3002mm	5"x180"	5800	-1.11	5s		10:48	1.11		standard seeing 1.6"
68	"					-0.85	10s		10:49	1.11		
69	"					-0.53	15s		10:50	1.11		
70	"					-0.22	20s		10:51	1.10		
71-75	BC flat	none	3002mm	5"x180"	5800		3s		10:53			
76-80	"						2s		10:55			
81	HEAAR	none	3002mm	5"x180"	5800		30s		10:58			
82	HEAAR	"	"	1"x180"	"		"		11:01			
83-84	HEAAR	"	"	1"x180"	"		300s		11:02			