

Flt NO
good

60 inch Telescope Log

Observer: Hazenberg

PI: Hazenberg

Spectrograph: FAST

Grating: 300

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Date: 02/15/94

Number	Object	R.A.	Dec.	L/R	Exp	Comments
3266-3295	FLATS, BUSES					NOT here
3296	COMP			OV	10 ^s	
3297	BD p 26595	03 36 54	26 47	O	30 ^s	template
3298	COMP			OV	10 ^s	
3299	HD 12623	02 02 12	62 55	O	10 ^s	template
3300	COMP			OV	10 ^s	
3301	AGK 2 p 14783	07 17 48	15 01	O	10 ^s	template
3302	COMP			OV	10 ^s	
3303	AKN 120	05 13 37.9	-00 12 16	6	3 ^m	star on left end of slit
3304	AKN 120 HZ 15	04 37 55	08 34 50	6	1 ^m	
3305	AKN 120 COMP			OT	10 ^s	↑ standard for AKN 120
3306	COMP			OV	10 ^s	
3307	160 A 262	01 50 24.8	36 06 52	9	5 ^m	Shot blind; missed it
3308	COMP			OV	10 ^s	
3309	193 A 262	01 51 14.5	36 16 02	9	5 ^m	Hx at 6710 (maybe)
3310	193 A 262	↓	↓	9	5 ^m	slipped off slit
3311	193 A 262	↓	↓	9	5 ^m	
3312	193 A 262			9	5 ^m	Absorption at 6270 (Na ^D)
3313	COMP			OV	10 ^s	
3314	160 A 262	01 50 24.8		9	5 ^m	Trying again; garbage again
3315	COMP			OV	10 ^s	hope it's centered
3316	M1			Latham	5 ^m	lots of counts all over
3317	M1 west			Latham	3 ^m	pulsar (?) at right end
3318	M1 east			Latham	3 ^m	pulsar at left end
3319	COMP	(2000)	(2000)	OV	10 ^s	
3320	A 0644 A	08 17 25.6	-07 30 46	9	5 ^m	
3321	A 0644 A	↓	↓	9	10 ^m	tons of guide TV noise
3322	COMP			OV	10 ^s	
3323	08530 p 0510	08 53 00	05 10	1	5 ^m	} aiming blind, I got the } nebulae NW of the galaxy; oops!
3324	08530 p 0510	↓	↓	1	5 ^m	

3300

Purged

Purged

→

Purged

This night was
really NOT
worth
reducing

60 inch Telescope Log

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Number	Object	R. A.	Dec.	L/R	Exp	Comments
3325	08530 p 0510	08 53 00	05 10 00	1	5 ^m	Got the galaxy. ^P Nope
3326	COMP			0↓	10 ^s	
3327	08530 p 0510	08 53 00	05 10 00	1	5 ^m	Found the damn thing!
3328	COMP			0↓	10 ^s	
3329	08595 p 0340	08 59 30	03 40	1	5 ^m	counts; ^{companion galaxy} on left of slit.
3330	COMP			0↓		
3331	08596 p 0321	08 59 36	03 21	1	5 ^m	Here come the clouds
3332	08596 p 0321	↓	↓	1	5 ^m	Where is it?
3333	08596 p 0321	↓	↓	1	10 ^m	Found it
3334	COMP			0↓	10 ^s	* - prob in ^{right} eye
3335	08598 p 0334	08 59 48	03 34	1	5 ^m	Cloudy as hell
3336	COMP			0↓	10 ^s	
3337	09504 p 0805	09 50 24	08 05	1	5 ^m	Got no signal; clouds.
3338	09504 p 0805	↓	↓	1	10 ^m	Loads of signal * ^{prob} bright
3339	COMP			0↓	10 ^s	
3340	09508 p 0718	09 50 48	07 18	1	5 ^m	Seeing's getting bad
3341	09508 p 0718	↓	↓	1	5 ^m	
3342	COMP			0↓	10 ^s	
3343	08588 p 0713	08 58 48	07 13	1	10 ^m	Dodging between 2 stars.
3344	COMP			0↓	10 ^s	
3345	09043 p 0323	09 04 18	03 23	1	5 ^m	H α at 6740?
3346	09043 p 0323	09 04 18	03 23	1	10 ^m	Yes
3347	COMP			0↓	10 ^s	
3348	09078 p 0335	09 07 48	03 35	1	5 ^m	H α at 6950 6740
3349	COMP			0↓	10 ^s	
3350	09053 p 0329	09 05 18	03 29	1	5 ^m	H α at 6740
3351	COMP			0↓	10 ^s	
3352	09062 p 0339	09 06 12	03 39 00	1	5 ^m	H α @ 6650
3353	COMP			0↓	10 ^s	
3354	11465 n 0050	11 46 30	-00 50	5	5 ^m	

purged

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Number	Object	R. A.	Dec.	L/R	Exp	Comments
3355	COMP			0↓	10 ^s	
3356	11470 n 0110	11 47 00	-01 10	5	5 ^m	
3357	COMP			0↓	10 ^s	
3358	12115 p 0700	12 11 30	07 00	5	5 ^m	
3359	12115 p 0700	↓	↓	5	5 ^m	
3360	COMP			0↓	10 ^s	
3361	12210 n 0011	12 21 00	-00 11	5	5 ^m	H α 6740
3362	COMP			0↓	10 ^s	
✓ 3363	IC 3153	12 17 00	05 40	5	5 ^m	H α 6830
3364	COMP			0↓	10 ^s	
✓ 3365	NGC 4266	12 17 06	05 49	5	3 ^m	tons o' counts
3366	COMP			0↓	10 ^s	
✓ 3367	# 12172 n 0028	12 17 12	-00 28	5	5 ^m	H α 6770
3368	COMP			0↓	10 ^s	
✓ 3369	12173 n 0035	12 17 18	-00 35	5	5 ^m	
3370	COMP			0↓	10 ^s	
out of sight ✓ 3371	12178 p 0040	12 17 48	00 40	5	5 ^m	Totally NOT missed; garbage
✓ 3372	12178 p 0040	12 17 48	00 40	5	5 ^m	Fingers crossed; got a weak signal
✓ 3373	12178 p 0040	12 17 48	00 40	5	10 ^m	H α at 6580
3374	COMP			0↓	10 ^s	
✓ 3375	12213 p 0422	12 21 18	04 22	5	5 ^m	raging H α Ⓢ
3376	COMP			0↓	10 ^s	
✓ 3377	12247 n 0145	12 24 42	-01 45	5	5 ^m	
✓ 3378	12247 n 0145	12 24 42	-01 45	5	5 ^m	
3379	COMP			0↓	10 ^s	
✓ 3380	12213 p 0422	12 21 18	04 22	5	5 ^m	H α (6705)
3381	COMP			0↓	10 ^s	
✓ 3382	12216 p 0129	12 21 30	01 29	5	5 ^m	H α 6740
3383	COMP			0↓	10 ^s	
✓ 3384	12217 p 0130	12 21 42	01 30	5	5 ^m	H α 6800?

this, it
seems, is
actually
12217 p 0130;
I screwed up

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
√3385	12217 p 0130	12 21 42	01 30	5	5 ^m	H α 6740
3386	COMP			0↓	10 ^s	
√3387	12216 p 0129	12 21 36	01 29	5	5 ^m	H α 6725
3388	COMP			0↓	10 ^s	
√3389	12220 p 0700	12 22 00	07 00	5	5 ^m	H α (P)
3390	COMP			0↓	10 ^s	
purged → 3391	12223 p 0702	12 22 18	07 02	5	5 ^m	(★) dammit; missed again
√3392	12 223 p 0702	12 22 18	07 02	5	5 ^m	
√3393	12 223 p 0702	12 22 18	07 02	5	5 ^m	
3394	COMP			0↓	10 ^s	
√3395	12226 p 0445	12 22 36	04 45	5	5 ^m	
3396	COMP			0↓	10 ^s	
√3397	12230 n 0237	12 23 00	-02 37	5	5 ^m	(★) P (maybe)
3398	COMP			0↓	10 ^s	
√3399	12 230 n 0233S	12 23 00	-02 33	5	5 ^m	Southern component
√3400	12 230 n 0233N	12 23 00	-02 33	5	10 ^m	Northern component; H α
3401	COMP			0↓	10 ^s	
√3402	UGC 7564	12 24 48	03 34	5	5 ^m	Very red spectrum
√3403	UGC 7564	↓	↓	5	5 ^m	
3404	COMP			0↓	10 ^s	
√3405	12249 p 0332	12 24 54	03 32	5	5 ^m	
3406	COMP			0↓	10 ^s	
√3407	NGC 4486 B	12 28 00	12 45 59	0	3 ^m	Template galaxy
3408	COMP			0↓	10 ^s	
√3409	12263 n 0146	12 26 18	-01 46	5	5 ^m	
3410	COMP			0↓	10 ^s	
√3411	12249 p 0332	12 24 54	03 32	5	5 ^m	
3412	COMP			0↓	10 ^s	
√3413	12 332 n 0238	12 33 12	-02 38	5	5 ^m	Needs more; out of line
3414	COMP			0↓	10 ^s	

