

D.G. Monet

PLATE Log 41-inch

7/74-

#1-26



NATIONAL

53-108  
EYE-EASE PAPER  
Made in U.S.A.



Number	DATE	EMULSION	FILTER	BAKING?	IMAGE TUBE?	OBJECT	$\alpha$ (epoch)	$\delta$	Hour ANGLE (HAD EXPOSURE)	Telescope	OBSERVER	Exposure TIME Secs	Developer	Development Time	Comments	
1	7/13/74	IIIa-J	-	3hrs @65°C	-	TEST SPOTS	-	-	-	-	DGM	1" & 3"	MWP-2	9 min	grossly underexposed & STREAKED	
2	7/13/74	"	Wratten #4	"	-	3C351	17 <sup>h</sup> 04 <sup>m</sup> 03 <sup>s</sup> (1950)	+60° 48' 37"	1 <sup>h</sup> 05 <sup>m</sup> W	41" f8	"	30 min	"	"	STREAKED	
3	"	"	"	"	-	"	"	"	2 <sup>h</sup> W	"	"	90 min	"	"	STREAKED	
4	"	"	"	"	-	MARKARIAN 506	17 <sup>h</sup> 20 <sup>m</sup> 7 (1950)	+30° 56'	3 <sup>h</sup> W	"	"	30 min	"	"	STREAKED, probably missed the field IDENTIFICATION	
5	7/14/74	"	-	NO	-	TEST SPOTS	-	-	-	-	"	3 min & 10 min	"	"	STREAKED (4.75 mm diaphragm)	
6	"	"	-	4hrs @65°C	-	TEST SPOTS	-	-	-	-	"	1 min & 3 min	"	"	STREAKED (4.75 mm diaphragm)	
7	7/16/74	"	Wratten #4	"	-	3C351	17 <sup>h</sup> 04 <sup>m</sup> 03 <sup>s</sup> (1950)	+60° 48' 37"	1 <sup>h</sup> 30 <sup>m</sup> West	41" f8	"	7" or worse	"	"	120 min	"
8	7/21/74	"	-	3.5 hrs @148°F	-	TEST SPOTS	-	-	-	-	"	1 min & 3 min	"	"	SLIGHTLY STREAKED (4.75 mm diaphragm)	
9	8/9/74	"	Wratten #4	"	-	3C390.3	18 <sup>h</sup> 45 <sup>m</sup> 41 <sup>s</sup> (1950)	+79° 42.9	2 <sup>h</sup> 00 <sup>m</sup> West	41" f8	"	2.5-3.0	"	"	30 min	SCATTERED clouds, moon adds sky background.
10	8/10/74	"	Wratten #4	"	-	IZw 2130+09	21 <sup>h</sup> 30 <sup>m</sup> 0 (1950)	+09° 56'	0 <sup>h</sup> 50 <sup>m</sup> west	41" f8	"	1.5-2.0	"	"	40 min	Exposure terminated by clouds
11	8/10/74	"	-	3.5 hours @148°F	-	TEST SPOTS	-	-	-	-	"	1 min & 3 min	"	"	SLIGHT FLAW on 3 min SPOTS (4.75 mm diaphragm)	
12	8/10/74	"	Wratten #4	"	-	IZw 2130+09	21 <sup>h</sup> 30 <sup>m</sup> 0 (1950)	+09° 56'	~1 <sup>h</sup> 00 <sup>m</sup>	41" f8	"	1.5-2.0	"	"	2 <sup>h</sup> 40 <sup>m</sup>	noticeably bad guiding
13	8/19/74	"	"	"	-	3C390.3	18 <sup>h</sup> 45 <sup>m</sup> 39 <sup>s</sup> (1950)	+79° 43.2	0 <sup>h</sup> 44 <sup>m</sup> West	"	"	1.5-2.0	"	"	2 <sup>h</sup> 30 <sup>m</sup>	better than 12
14	8/19/74	"	"	"	-	MARKARIAN 304	22 <sup>h</sup> 14 <sup>m</sup> 45.2 (1950)	+13° 54.5	0 <sup>h</sup> 34 <sup>m</sup> West	"	"	2.0-?	"	"	3 <sup>h</sup> 0 <sup>m</sup>	severely flawed plate?
15	9/14/74	"	"	3.5 hours @148°F	-	MARKARIAN 365	23 <sup>h</sup> 01 <sup>m</sup> 35.6 (1950)	+22° 21' 10"	2 <sup>h</sup> 00 <sup>m</sup> EAST	"	"	~2"	"	"	2 <sup>h</sup> 0 <sup>m</sup>	focus trouble
16	9/14/74	"	"	"	-	"	"	"	0 <sup>h</sup> 46 <sup>m</sup> West	"	"	~2"	"	"	2 <sup>h</sup> 30 <sup>m</sup>	"
17	9/14/74	"	"	"	-	NGC 1068	02 <sup>h</sup> 41 <sup>m</sup> 4 (1975)	-00° 08'	1 <sup>h</sup> 13 <sup>m</sup> East	"	"	~2"	"	"	1 <sup>h</sup> 55 <sup>m</sup>	terminated early by light cloud cover
18	9/15/74	"	"	3.5 hours @147°F	-	MARKARIAN 304	22 <sup>h</sup> 14 <sup>m</sup> 45.2 (1950)	+13° 54' 27"	1 <sup>h</sup> 34 <sup>m</sup> EAST	"	"	~1.5	"	"	2 <sup>h</sup> 30 <sup>m</sup>	tremendous aurora!
19	9/15/74	"	"	"	-	NGC 7469	23 <sup>h</sup> 03 <sup>m</sup> 0 (1975)	+08° 44'	0 <sup>h</sup> 44 <sup>m</sup> West	"	"	~1.5	"	"	2 <sup>h</sup> 30 <sup>m</sup>	"
20	9/15/74	"	"	"	-	NGC 1068	02 <sup>h</sup> 41 <sup>m</sup> 4 (1975)	-00° 08'	0 <sup>h</sup> 06 <sup>m</sup> East	"	"	~1.5	"	"	2 <sup>h</sup> 30 <sup>m</sup>	"
21	9/16/74	IIIa-D	"B"	-	-	3C351	17 <sup>h</sup> 04 <sup>m</sup> 03 <sup>s</sup> (1950)	+60° 48' 57"	2 <sup>h</sup> 45 <sup>m</sup> West	"	"	~1.5	"	D-76	10 min	for Dr. Hobbs
22	9/16/74	103a-G	"V"	-	-	3C351	"	"	3 <sup>h</sup> 59 <sup>m</sup> West	"	"	~1.5	"	D-76	10 min	"
23	9/17/74	IIIa-J	Wratten #4	same as 20	-	NGC 7603	23 <sup>h</sup> 17 <sup>m</sup> 7 (1975)	+00° 07'	0 <sup>h</sup> 20 <sup>m</sup> West	"	"	~1.5	"	MWP-2	9 min	"







