

~~Parallel~~
Series K
KAPTEYN
Journal.

Feb 1906
to
June 1907
Plates 1-65

24
46
64

Kaptnyn Fields
(Selected Areas)

This is Philip Fox's handwriting.

All data about plates in F. C. Jordan's
writing.

no of Plates	Date	Field	α 1875		δ 1875		exposure		Position of Tel.	setting of Guid. apiece	Seeing	Transp.	steadiness	Temp.	Focus.	Remarks
			Beginning	End.	Beginning	End.	Beginning	End.								
1	Feb. 27, '06	BD+14° 2850	15 ^h 7 ^m 56 ^s	+14° 55 ^m	sid. Time 14 ^h 4 ^m	15 ^h 4 ^m	West	9 R	4	3	3	-9°	4.86	S.A. 83	455 stars Without screen	
2	" " "	"	"	"	15 ^h 14 ^m	16 ^h 14 ^m	"	"	4	2½	3	-8°	4.86 ^{.15}	S.A. 83	45 stars With color screen	
3	✓ Mch. 11, '06	BD-0° 1854	7 48 24	-0° 10 ^s	7 ^h 10 ^m	8 ^h 10 ^m	"	1 R	2	3	2	-8°	4.855	S.A. 99	267 stars Very Windy Without screen	
4	✓ April 1 '06	"	"	"	9 ^h 10 ^m	10 ^h 10 ^m	"	"	3	2	3	+6°	4.79	S.A. 99	106 stars With screen Slight haze	
5	"	BD 30° 2925	16 ^h 57 ^m 52 ^s 16 ^h 59 ^m 15 ^s <small>1905</small>	+29° 59.9 +29° 58.3	15 ^h 10 ^m	15 ^h 55 ^m	"	6 R	2-3	4	2	+25°	4.77	S.A. 61	46 stars With screen	
6	"	"	"	"	16 ^h 3 ^m	16 ^h 48 ^m	"	"	2-3	4	2	+25°	4.93	S.A. 61	56 stars Without screen	
7	Apr 15	BD+45° 2610	17 ^h 47 ^m 47 ^s 17 ^h 48 ^m 34.6 ^s <small>1905</small>	+45° 0.9 +45° 0.8	16 ^h 43 ^m	17 ^h 43 ^m	"	1 R	2-3	4-3	3	+2°	4.92	S.A. 37	moon last 2 winter 62 stars Without screen	
8	" 17	BD+59° 1923 BD+59° 1823? DLH III	17 ^h 28 ^m 21 ^s 17 ^h 28 ^m 47.6 ^s <small>1905</small>	+59° 47' +59° 45.7'	16 ^h 12 ^m	17 ^h 12 ^m	"	1 R	3	4	5-	+10°	4.82	S.A. 16	41 stars With screen	
9	" 22	BD-0° 3148	16 ^h 30 ^m 57 ^s	-0° 9.4	15 ^h 25 ^m	16 ^h 25 ^m	"	"	2	4				S.A. 108	48 stars Without screen	

no of Plates	Date	Field	α 1875		δ 1875		exposure		Position of Tel.	setting of Guid. surface	Seeing	Transp.	steadiness	Temp.	Focus.	Remarks
			Beginning	End.	Beginning	End.	Beginning	End.								
	1906															
10	Apr 29 '06	BD+45° 2610	17 ^h 47 ^m 47 ^s	+45° 0.9	16 ^h 10 ^m	17 ^h 10 ^m			West.	1 R	2-3	4½	3	+10°	4.82	36 stars With color screen S.A. 37
11	May 8 '06	BD+15° 3419	18 ^h 10 ^m 37 ^s	+15° 1.8	16 ^h 35 ^m	17 ^h 35 ^m			"	11½ L	1-3	3	2	+3°	4.78	146 stars With screen S.A. 86
12	May 27 '06	BD+0° 3995	18 ^h 35 54	+0 2.2	17 45	18 30			"	9 L	2-3	4	2-3	+6°	4.94	25 stars Without screen S.A. 110
13	" " "	BD+44° 3265	19 46 4	44 50.118	45	19 25			"	3 L	2-3	4	2	+6°	4.94	125 stars " " S.A. 39
14	June 8 '06	BD+29° 3460	18 59 12	29 59.0	18 7	18 52			"	3 R	2	3-4	2	+19°	5.04	176 stars Without screen S.A. 63
15	June 17 '06	BD+45° 2137	13 49 6	45 20.2	14 46	15 46			East	11 R	2-3	4	4	+22°	5.05	15 stars " " S.A. 33
16	" " "	BD 29° 2622	15 0 52	29 55.0	16 05	17 0			"	3 R	2-3	3-4	3	"	"	10 stars " " S.A. 59
17	" " "	BD 60° 1603	15 16 1	59 58.5	17 15	18 05			"	5 R	2-3	3-4	2	"	"	25 stars " " S.A. 15
18	" " "	BD 14° 3849	19 10 7	15 0.3	18 20	18 50			West	2 R	3	3-4	2	"	"	66 stars " " S.A. 87

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no of Plates	Date	Field	α 1875		δ 1875		exposure		Position of Tel.	setting of Guid. surface	Seeing	Transp.	steadiness	Temp.	Focus.	Remarks
			Beginning	End.	Beginning	End.										
19 ✓	June 17 '06	BD 0°4265	19 ^h 31 ^m 58 ^s	0° 3.8	19 ^h 0 ^m	19 ^h 30 ^m	West	1 R	2-3	3-4	2	22°	5.06	Without Screen S.A. 111	40 stars	
20 ✓	" 26 '06	BD 14°4240	20 9 48	15 3.4	19 ^h 34 ^m	19 ^h 49 ^m	"	11 L	4	3-4	2	21	5.04	Stopped by clouds S.A. 88	60 stars	
21	July 1 '06	BD 15°2695	14 ^h 13 ^m 28	15 30.7	15 ^h 36 ^m	16 ^h 36 ^m	East	11 L	2	4+	3	24.5	5.05	S.A. 82	21 stars	
22	" " "	BD 44°2518	15 48 40	44 53.7	16 ^h 50 ^m	17 ^h 50 ^m	"	11 R	3	4+	2	"	"	S.A. 35	41 stars Some Wind.	
23	" " "	BD 15°2972	16 11 2	15 6.1	18 ^h 05 ^m	19 ^h 05 ^m	"	7 R	3	4+	2	"	"	S.A. 84	35 stars	
24 ✓	" " "	BD 48°3596	20 45 41	44 52.8	19 ^h 20 ^m	19 ^h 50 ^m	West	5 R	2-3	"	2	"	"	S.A. 40	112 stars Windy.	
25 ✓	" " "	BD 14°4556	21 7	15 4.5	20 ^h 6 ^m	20 ^h 51 ^m	"	6 R	2	5	3	"	"	S.A. 89	48 stars	
26	" 8 "	BD +0°3387	15 32 38	+0° 6.0	15 55	16 55	East	6 1/2 L	4	4+	3	25	5.07	S.A. 107	45 stars	
27	" " "	BD 30°2735	15 55 10	29 59.3	17 05	18 05	"	4 R	4	4+	2	"	"	S.A. 60	34 stars	

no of Plates	Date	Field	α 1875		δ 1875		exposure		Position of Tel.	setting of Guid. app. spec	Seeing	Transp.	steadiness	Temp.	Focus.	Remarks
			Beginning	End.	Beginning	End.										
28	July 8 '06	BD 74° 58' 5"	16 ^h 14 ^m 17 ^s	74° 58' 1"	18 ^h 20 ^m	19 ^h 20 ^m	East	4 R	4-3	4	4	25	5.07	S.A. 6	44 Stars	
29 ✓	" " "	BD 0° 42' 51"	21 36 3	-0° 7.3	19 55	20 56	"	2 R	3	4	2-3	"	"	S.A. 113	85 Stars Series 2 ✓	
30 ✓	" " "	BD 29° 45' 66"	21 57 14	30 0.9	21 10	22 10	West	11 L	3	4	3	"	"	S.A. 66	122 Stars ✓	
31 ✓	July 17	BD 14° 47' 68"	22 11 34	15 5.9	20 11	20 56	West	7 R	3+	5	3	20	5.04	S.A. 90	46 Stars Guid. Star Medium ✓	
32 ✓	" "	BD 44° 42' 63"	22 47 38	45 1.7	21 13	21 58	"	2 L	3	5	3	"	"	S.A. 42	107 Stars Guiding Star bright ✓	
33 ✓	" "	BD 29° 48' 55"	22 59 45	30 2.9	22 12	22 57	"	5 L	3	5	3	"	"	S.A. 67	84 Stars ✓	
34	Aug 12	BD 0° 33' 52"			17 35	18 35	"	7 R	3-2	3-4	2	23	5.06			
34	Aug 12	BD 0° 33' 52"	17 38 26	-0 4.7	17 35	18 35	"	7 R	3-2	4	2	23	5.06	S.A. 109		
35	" "	BD 0° 36' 26"			18 56	19 46	"	6 L	2	4	2	"	"		Not a S.A.	
35	" "	BD 0° 36' 26"	18 54 20	-0 3.8	18 56	19 46	"	6 L	2	4	2	"	"			
36	" 26	BD 0° 33' 52"	17 38 26	-0 4.7	18 05	19 05	"	7 R	2	5-	2	21.5	5.05	S.A. 109		

no of Plates	Date	Field	α 1875		δ 1875		exposure		Position of Tel.	setting of Guid. app. piece	Seeing	Transp.	steadiness	Temp.	Focus.	Remarks
			Beginning	End.	Beginning	End.										
37	Sept 9 '06	BD+0°3995	18 ^h 35 ^m 54 ^s	+0° 2.2	18 ^h 25 ^m	19 ^h 25 ^m	W	9L	3-4	4	2	29.5	5.10	S.A. 110		
38	" "	BD-0°3626	18 54 20	-0 38	19 48	20 48	W	6L	3	4+	2-3	28	5.10	Not a S.A.		
39	Sept 16	BD-0°3352	17 38 26	-0° 4.7	18 47	19 47	W	10R	3	3+	2	27	5.07	SA 109		
40	✓ " "	BD+0°4265	19 31 58	+0 3.8	20 05	21 05	W	4L	3	3+	2	"	"	S.A. 111		
41	Sept 30	BD+0°3995	18 35 54	+0 2.2	19 16	20 16	W	10L	1-2	4+	3	12	5.00	S.A. 110		
42	✓ Oct 7	BD+0°4265	19 31 58	+0 3.8	19 35	20 35	W	1R	2	4-3	3	14	5.00	S.A. 111		
43	✓ Nov 10	BD+0°1227	5 51 1	+0 0.6	6 30	7 30	W	0R	2-3	5-	3	+1	4.91	S.A. 97		
43	✓ Nov 10	BD+0°1227	5 51 1	+0 0.6	6 30	7 30	W	0R	2-3	5-	3	+1°	4.91	S.A. 97		
44	✓ " "	BD-0°1468			7 45	8 45	W	3R	2-3	5-	3	+1°	4.91	S.A. 98		
44	" "	BD-0°1468	6 45 47	-0 8.9	7 45	8 45	W	3R	2-3	5-	3	+1°	4.91	S.A. 98		
45	✓ Dec 2	BD-0°1854	7 4	-0 -	7 42	8 42	W	1R	1-2	4	2	+0.5	4.91	S.A. 99		
45	Dec 2	BD-0°1854	7 48 24	-0 10.1	7 42	8 42	W	1R	1-2	4	2	+0.5	4.91	S.A. 99		

no of Plates	Date	Field	α 1875		β 1875		exposure		Position of Tel.	setting of Guid. appiece	Seeing	Transp.	steadiness	Temp.	Focus.	Remarks
			Beginning	End.	Beginning	End.										
	1906															
46	1907 Aug 307	BD+40°3596			19	45	20	15	W	5R	2-3	3	3	16°	5.02	S.A.40
47	" "	BD-0°4257			20	37	21	37	W	2R	2	3	3	"	"	S.A.113
48	" "	BD+44°4263			21	48	22	48	W	2R	3	3-4	3	"	"	S.A.42
						22	18									
49	" 17	BD14°4768			21	18	22	03	W	7R	2-3	4	2-3	21	5.05	S.A.90
50	" 17	BD29°4855			22	20	23	05	W	5L	2-3	4	3	"	"	S.A.67
51	" 24	BD+14°4240			19	25	19	40	W	11L	3-4	4	3	21	5.05	S.A.88
52	" "	BD0°4265			19	55	20	25	W	1R	3	4-5	3	"	"	S.A.111
53	" "	BD+14°4556			20	40	21	25	W	6R	2-3	4-5	3	"	"	S.A.89
54	" "	BD+44°3265			22	05	22	45	East	3L	3	4-5	3	"	"	S.A.39
55	" 24	BD29°4566			23	10	24	10	East	11L	3-4	4-5	3	"	"	S.A.66

no of Plates	Date	Field	exposure		Position of Tel.	setting of quad. eyepiece	Seeing	Transp.	steadiness	Temp.	Focus.	Remarks										
			α 1875	δ 1875									Beginning	End.								
	1906																					
56	1907 Aug 31	BD29°4566																				
56			22	34 ^m	23	34 ^m	East	11R	2	3	2-3	25°	5.08	S.A.66								
57	Sept 14	BD29°3460	19	02	19	47	East	3R	4	3	2-3	20°	5.04	Duplicate S.A.63								
58	" "	BD14°3849	20	01	21	01	East	2R	3-4	Hazy clouds	2-3	20	"	Duplicate S.A.87								
59	" "	BD14°4768	23	20	24	05	East	7R	1-3	Hazy	2-3	20	"	5 Duplicates interrupted 30 ^m S.A.90								
60	" "	BD29°3460	20	11	21	56	East	3R	2	clouds	2-3	15°	4.80	interrupted by clouds S.A.63								
			21	11	21	56	East															
61	Nov 16	14°3868	22	22	23	07	West	7R	2-3	3-4	2-3	20	4.70	S.A.90								
62	(1909) June 19	BD+44°2518	15	48	40	44	53	14	54	15	59	West 7m	11P	3-4	3	2-3	20	4.84	Duplicate Trail S.A.35	22		
63	" "	BD+44°3265	19	46	4	44	50	16	53	17	57	"	6.1:50	3L	3-4	"	"	"	"	"	Trail S.A.39	13
64	" "	BD+44°3596	20	45	41	44	52	8	19	23	20	03	"	5P	2-3	"	"	"	"	"	Trail	24

no of Plates	Date	Field	α 1875		δ 1875		exposure		Position of Tel.	setting of Guid. system	Seeing	Transp.	Steadiness	Temp.	Focus.	Remarks
			Beginning	End.	Beginning	End.										

1906

65	June 19 ¹⁹⁰⁹	B0294566	21	57	14	30	0.9	20	27	21	22	West 6.37m	1/1	2-3	3	2-3	20	4.84	Duplicate 3.
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	Jan. 16	Jan. 23	Jan. 30	Feb. 6	Feb. 13	Feb. 20	Feb. 27	Mar 6	Mar 13	Mar 20
1 ^h 1 ^m 11	✓									
1 3 1	VV									
1 14	✓									
1 47 1	VV									
2 6	VV									
2 34	✓									
2 37	✓									
3 1	VV									
3 16 ^{Rev}	✓									
3 40 11	✓									
4 1 1	VV									
4 45 111	VV									
5 19 111	VV									
5 21 111	VV									
5 30 111	✓									
6 35	I									
7 37										
8 45	111									
9 2										
9 43	111									
11 0	11									
11 14	✓									
13 14	✓									
13 40 13	111									
14 21	111									
16 2	11									
16 50	11									
16 59	11									

Parallax factor too small.

VV. of great importance
 ✓ of least "

11 h 0 m } Regions in which reverse
 19 20 } plates are most desirable.
 20 34 } S.W. way, 11.
 21 0 m }
 19 2 } one plate.

Ⓐ

2 Audubon 05 m
~~644~~ 22
 22 23
 22 24
 No 7.

16-12

0^h

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2^h

3^h

R.A.

0^h

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0^h 10

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4^h

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8^h

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12^h

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16^h

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20^h

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23

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4^h

m

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✓ B.D. 0°1227, 43- SA97

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5^h

6^h

m

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✓ B.D. 0°1468, 44 SA98

✓ B.D. 0°1854, 3-4-45 SA99

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7^h

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12^h

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✓ B.D. 45°2137, 15- S.A. 33

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14^h

15^h

m

0 ✓ B.D. 29°2622, 16 SA 59

✓✓ B.D. 14°2850, 1-2 SA 83

✓ B.D. 15°2695, 21 SA 82

✓ B.D. 60°1603, 17 S.A. 15

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✓ B.D. 0°3387, 26 SA 107

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✓ B.D. 44°2518, 22, 82 S.A. 35

✓ B.D. 30°2735, 27 SA 60

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✓ B.D. 15°2972, 23- SA84

S.A.6 ✓ B.D. 74°585, 28

20

✓ B.D. 0°3148, 9 SA108

✓ B.D. 59°1923, 8 S.A.16

✓ B.D. 0°3352, 34-36-39 SA109
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✓ B.D. 45°2610, 7-10 S.A. 87

✓ B.D. 30°2925, 5-6 SA61

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17^h

18^h

19^h

m
0

✓ B.D. 15°3419, 11- SA86

✓ B.D. 14°3849, 18-58 SA87

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✓ B.D. 0°3995, 12-37-41 SA110

✓ B.D. 0°4265, 19-40-42 - 52 SA111

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✓ B.D. 44°3265, 13-54-63 S.A. 39

✓ B.D. 0°3626, ~~35~~-38

✓ B.D. 29°3460 14-57-60 SA63

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✓ B.D. 14°4240, 20-51 SA88

✓ B.D. 14°4556, 25-53 SA89

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✓ B.D. 0°4251, 29-49 SA113

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✓ B.D. 4°3596, 24-46-64 SA40

✓ B.D. 29°4566, 30-55, 56, 65 SA66

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21^h

22^h

23^h

23^h

m

0

✓ B.D. 14°4768, 31-49-59-61 SA90

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✓ B.D. 44°4263, 32-48 SA42

✓ B.D. 29°4855, 33-50 SA67

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