

winds dropped to 26 peak gust from South.

Midas QUAD B filter 20 sec exp

11	cdp 7764	1	14:53:20	15:41:39.84	01 54	42.8	1.060
		2	14:54:20	15:41:39.86		42.4	
		3	14:55:20	39.82		42.7	
		4	14:56:20	39.83		42.5	

Midas QUAD B filter 20 sec exp.

12	cdp 7765	1	14:59:55	15:41:39.80	01 54	43.3	1.057
		2	14:59:55 15:00:55	39.81		43.1	
		3	15:01:55	39.76		42.8	
		4	15:02:55	39.79		42.6	

Midas 20s. B filter

13	7766	1	15:06:35	15:41:39.75	01 54	42.7	
		2	15:07:35	39.72		42.5	1.054
		3	15:08:35	39.73		42.6	
		4	15:09:35	39.67		42.8	

25.6 mi/hr winds out of South

Midas QUAD B filter 20 s exp.

14	7767	1	15:13:05	15:41:39.67	01 54	41.9	1.053
		2	15:14:05	39.69		41.9	
		3	15:15:05	39.67		41.9	
		4	15:16:05	39.67		42.2	

23.7 mi/hr winds out of South

pressure on downward trend
dry (~12% humidity)

Midas QUAD B filter 20 s. exp.

15	7768	1	15:19:40	15:41:39.63	01 54	42.1	1.052
		2	15:20:40	39.65		41.3	
		3	15:21:40	39.62		41.2	
		4	15:22:40	39.64		41.5	

3⁺ Midas

FILTER CHANGE TO V

offset west 50"

Pluto QUAD V Filter 20 sec exp.

LIGHTS OFF, ZERO OFFSETS

16	C007769	1	15:27:20	15	34	56.31	-3	50	16.2	
		2	15:27:55			56.31	-3	50	26.2	
		3	15:28:25			56.30			36.2	
		4	15:28:55			56.30			46.2	1.095

Filter Change → R

Pluto QUAD R Filter 10 sec exp

17	C007770	1	15:32:35	15	34	56.25	-3	50	16.1	
		2	32:55			56.25			26.1	
		3	32:15			56.24			36.2	
		4	33:35			56.24			46.1	
		5	34:05			56.24			56.1	1.095

20.5 exposure
→

weather at 5:30 is same as before.

Pluto QUAD R Filter

18	C007771	1	15:38:15	15	34	56.19	-3	50	16.0	
		2	15:38:35			56.18			26.0	
		3	15:38:55			56.18			36.0	
		4	15:39:15			56.18			46.0	1.095

FILTER CHANGE I Filter

POME OFF

LIGHTS OFF

P quad

19	C007772	1	15:42:55	15	34	56.13	-3	50	16.0	1.100
		2	15:43:15	15	34	56.13			26.0	
		3	15:43:35			56.13			35.9	
		4	15:43:55			56.12			45.9	

Pluto QUAD I filter exposure 10 s.

20	C007773	1	15:47:30	15 34	56.08	-3 50	15.8	1.100
		2	15:47:50	15 34	56.08	-3 50	25.8	
		3	15:48:10		56.07		35.8	
		4	15:48:30		56.07		45.8	

Pluto QUAD I filter exposure time 10 s.

21	C007774	1	15:52:10	15 34	56.03	-3 50	15.7	1.108 Airmass
		2	15:52:30		56.02		25.7	
		3	15:52:50		56.02		35.7	
		4	15:53:10		56.02		45.8	

update dome.

Pluto QUAD I filter

22	C007775	1	15:56:45	15 34	55.97	-3 50	15.7	1.110
		2	15:57:10		55.97		25.7	
		3	15:57:30		55.96		35.7	
		4	15:57:50		55.96		45.6	

23 Start sky flats I filter exp. 60 s.
7776 1) 15:01:30

24 7777 2) 16:07:00 exp. 30 s.

25 7778 3) 16:11:30 exp. 20

DOME FLATS

talk obs-4@Kepler

1.6 sec	R filter	flat
1.6 sec	R filter	flat
1.6 sec	R filter	flat

6 sec	V filter	flat
6	"	"
6	"	"

Dome flats B

30 sec

30 sec

30 sec.

IRAF

ls *fits > rawlist

make imagelist with names of .imh files

in iraf : rfits @rawlist * @imagelist

imexam @imagelist

r → to get info

n → to change frames

q - to quit