## June 11, 2004

Pawnee Grasslands.

Clearing at sunset. Wind is calm. Temperature is cool..

	Jupiter 8:45P Tom's Scope. Fuzzy circular ball w/very bright nucleus		
* 1	Fuzzy circular ball will well bright nucleus		
***	91308		
9:49 PM	Globular-large, loose outer region. Easy to see with a bit brighter central region that is more dense and compact with stars. Member stars easily seen. Overall a dim object. Class 9.		
10:06 PM	M100 easily found. Starting point for this galaxy hop. Then		
	to M85. Then to 4450. Small, dim circular glow with hare brighter diffused nucleus.		
Clouds low in west forming.			
10:19 PM	Faint smudge of uniformly lit light. Might be circular in shape. Small in size.		
10:55 PM	Very faint glow in same FOV as M100.		
	Large, but a VERY dim, uniformly lit, oval that is next to a much brighter M85. In same FOV yet a bit away from M85.		
11:15 PM	Very faint, uniformly lit, smudge of light with a field star just to the left of it.		
11:36 PM	Very easy to see this circular galaxy with little brighter nucleus and small bit of dimmer halo.		
11:49 PM	AWESOME!!! Long slender edge on with nice central nucleus bulge. Nucleus brighter but arm easy to see. Can see the dust lane on nucleus part of galaxy, just below the center line of symmetry.		
	10:06 PM  10:19 PM  10:55 PM  11:15 PM  11:36 PM		

NGC 4559	11:54 PM	Bright patch of light that looked irregular because of 3 FS at one end, giving it a non-symmetrical look. Was oval in shape otherwise.
NGC 4725	12:01 AM	Fairly large oval/edge tilted towards us a bit. Has small, bright nucleus and much of what can be seen is a very dim halo.
M58	12:23 AM	Globular-Small, compact bright glow in a very star rich field. Class 3. Member stars seen with AV.
NGC 6302	12:40 AM	Elongated band. Bright glow with very bright central region. Very easy to see. Stands right out.

Clouds took over this part of the sky at this point. The east was still clear so looked at M57, M27.

By 1:05 AM, clouds overtook entire sky. It was those coming in from the west. Next morning, that cloud was just over us. Could see blue sky all around the horizon.

Through Tom Teters scope, saw Comet 2003K4 at 74x at 10:25 PM. Small fuzz ball with a hint of elongation to the southeastern side of it.

x - comet's Position

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