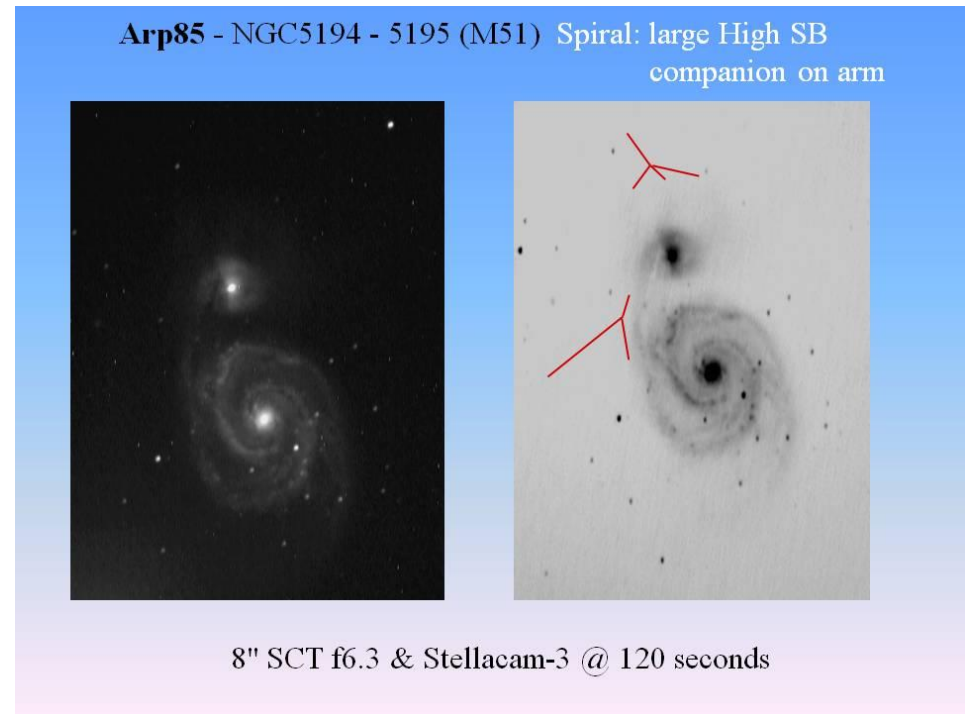
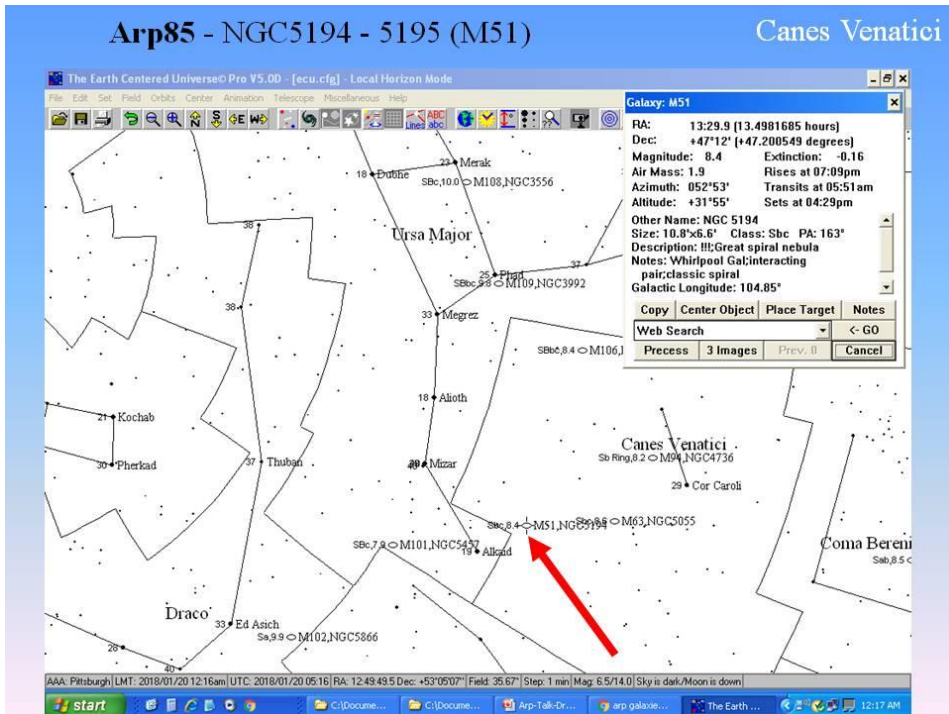


Halton Arp and His Peculiar Galaxies (Chart Addendum)

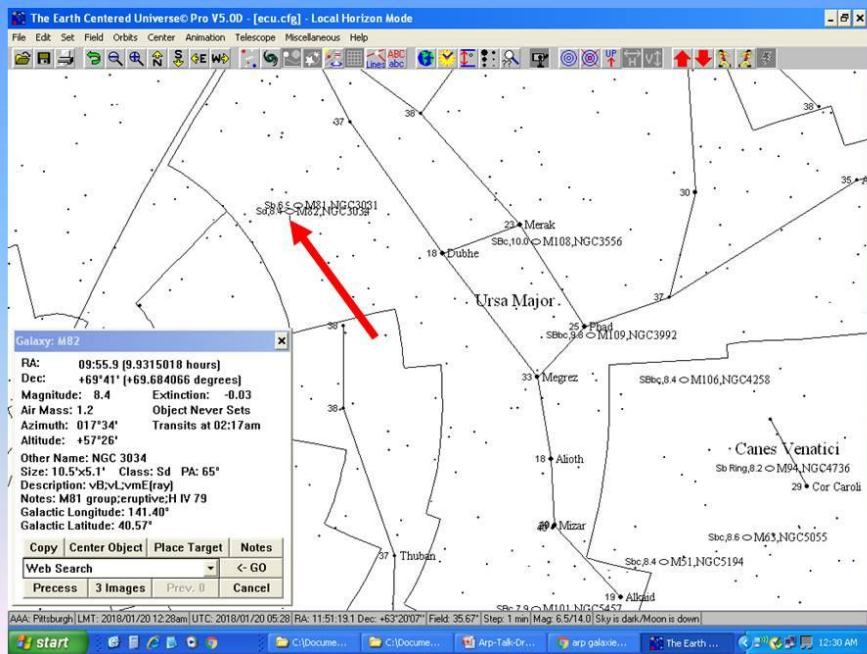
Observations of Arp's Peculiar Galaxies:

- Arp85 - NGC5194-5195 (M51)** *Spiral: large High Surface Brightness companion on arm*
- Arp337 - NGC3034 (M82)** *Misc: Unique*
- Arp29 - NGC6946** *Spiral: one heavy arm*
- Arp310 - NGC7317, 18A, 18B, 19, 20 (Stephan's Quintet) Galaxy Group**
- Arp284 - NGC7714 & 7715** *Double Galaxies*
- Arp13 - NGC 7448** *Spiral: detached segments*
- Arp30 - NGC6365A & B** *Spiral: one heavy arm*
- Arp38 - NGC6412** *Spiral: Low SB companion on arm*
- Arp78 - NGC770 & 772** *Spiral: Small High SB on arm*
- Arp84 - NGC5394 & 5395** *Spiral: large High SB on arm*
- Arp273 - UGC1810-1813** *Galaxies: With Connected Arms*
- Arp185 - NGC6217** *Spiral: Narrow filaments*
- Arp92 - NGC7603** *Spiral: elliptical companion on arm*
- NGC 4319 and Markarian 205**

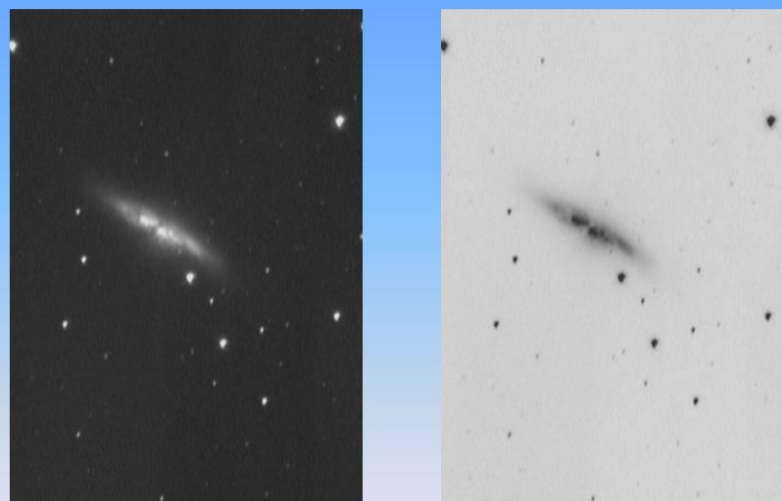


Arp337 - NGC3034 (M82)

Ursa Major



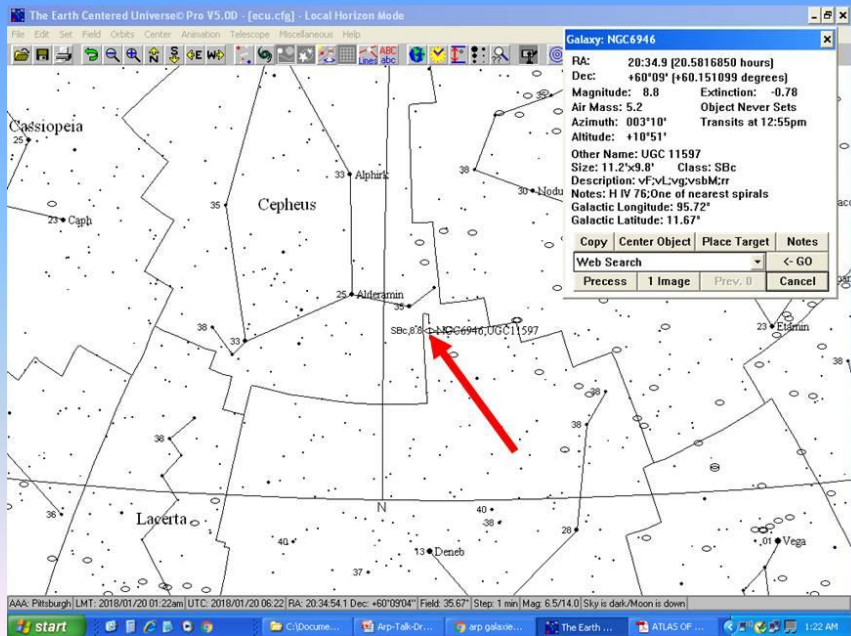
Arp337 - NGC3034 (M82) Misc: Unique



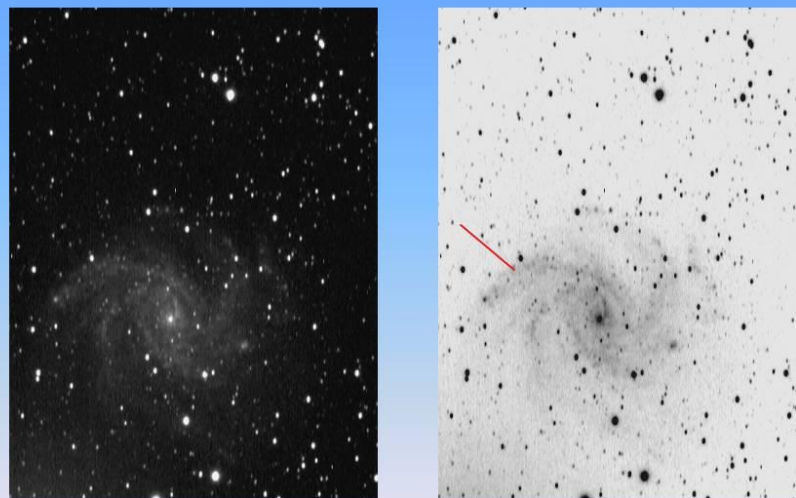
6" RC f5 & Stellacam-3 @ 60 seconds

Arp29 - NGC6946

Cepheus



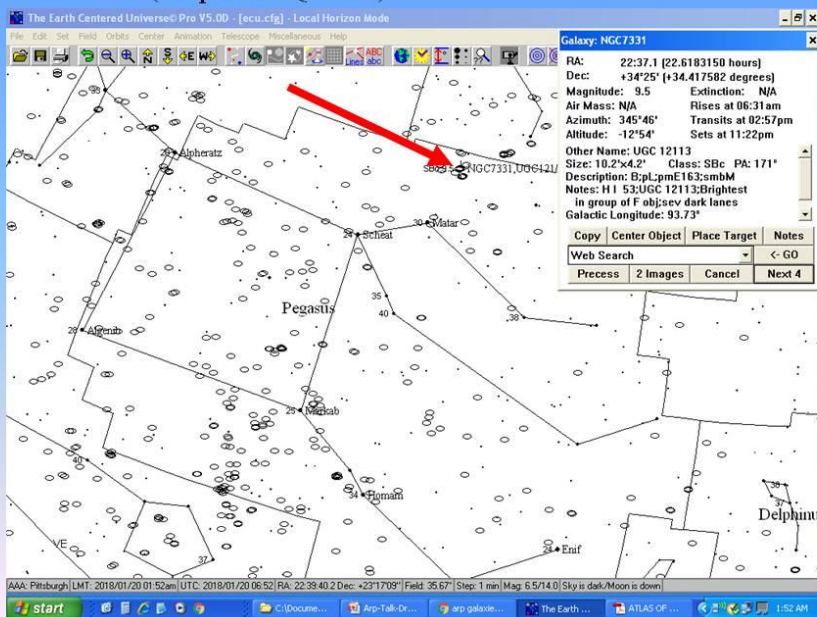
Arp29 - NGC6946 Spiral: one heavy arm



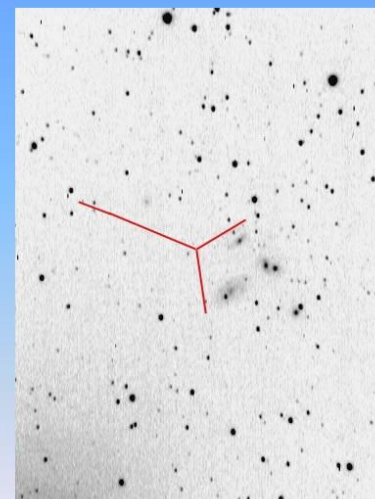
8" SCT f5 & Stellacam-3 @ 60 seconds

Arp310 - NGC7317, 18A, 18B, 19, 20 (Stephan's Quintet)

Pegasus



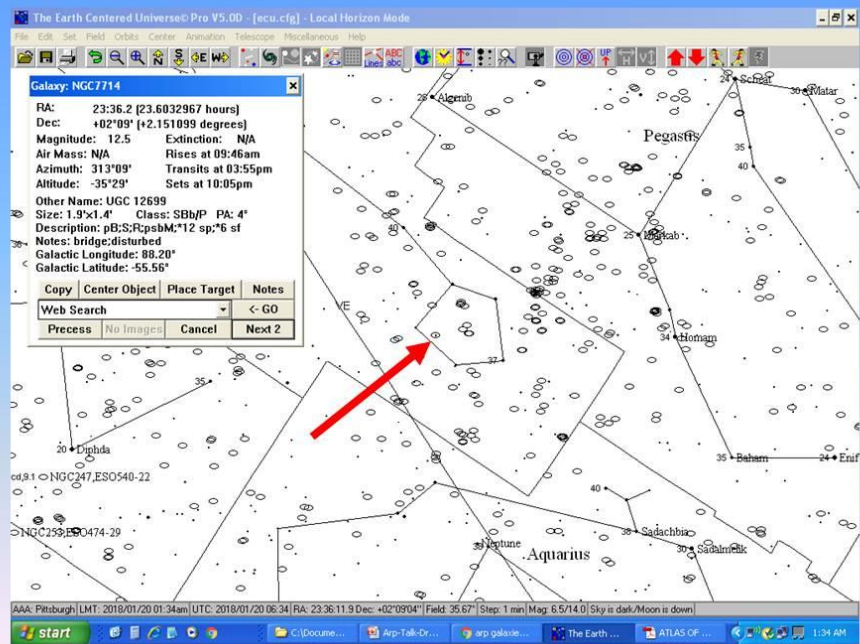
Arp310 - NGC7317, 18A, 18B, 19, 20 (Stephan's Quintet) Galaxy Group



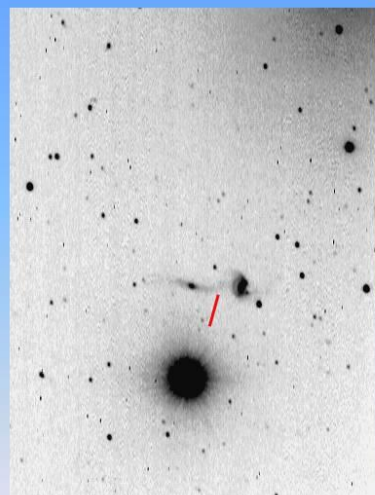
8" SCT f10 & Stellacam-3 @ 180 seconds

Arp284 - NGC7714 & 7715

Pisces



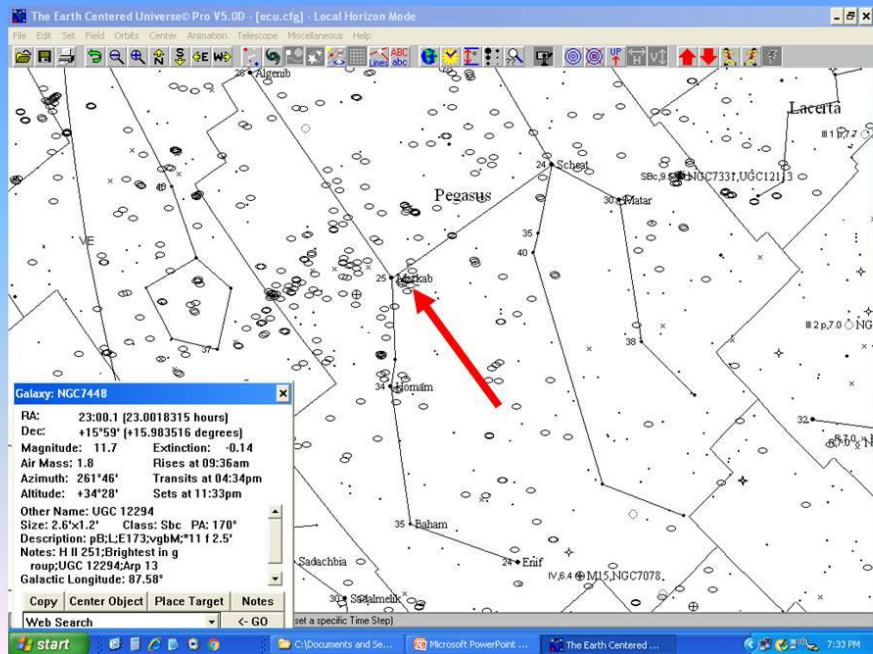
Arp284 - NGC7714 & 7715 Double Galaxies



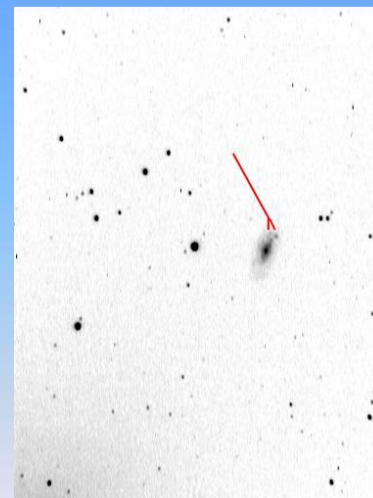
8" SCT f6.3 & Stellacam-3 @ 180 seconds

Arp13 – NGC7448

Pegasus



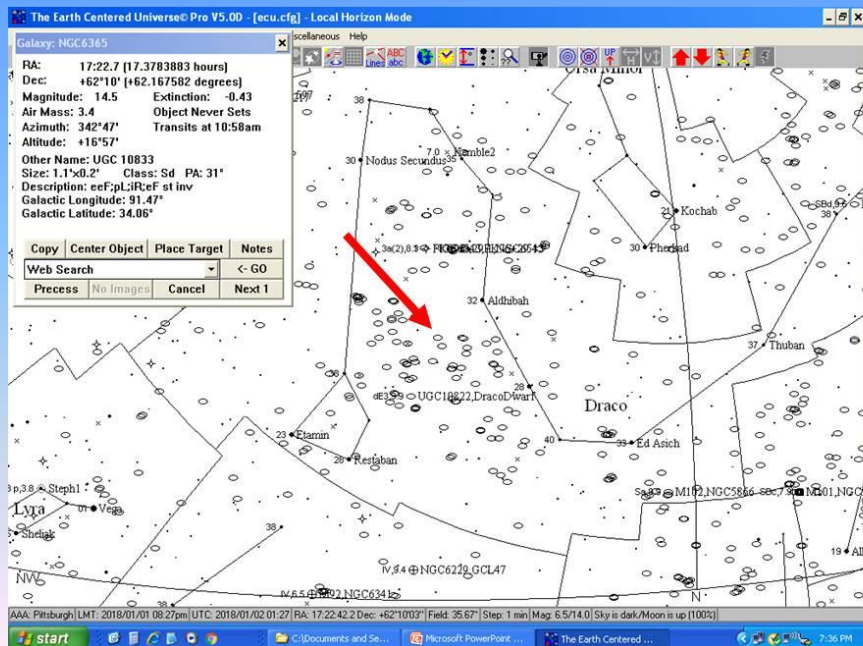
Arp13 – NGC7448 Spiral: detached segments



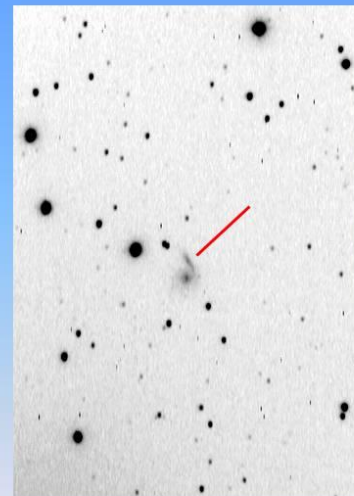
8" SCT f5 & Stellacam-3 @ 60 seconds

Arp30 – NGC6365A & B

Draco



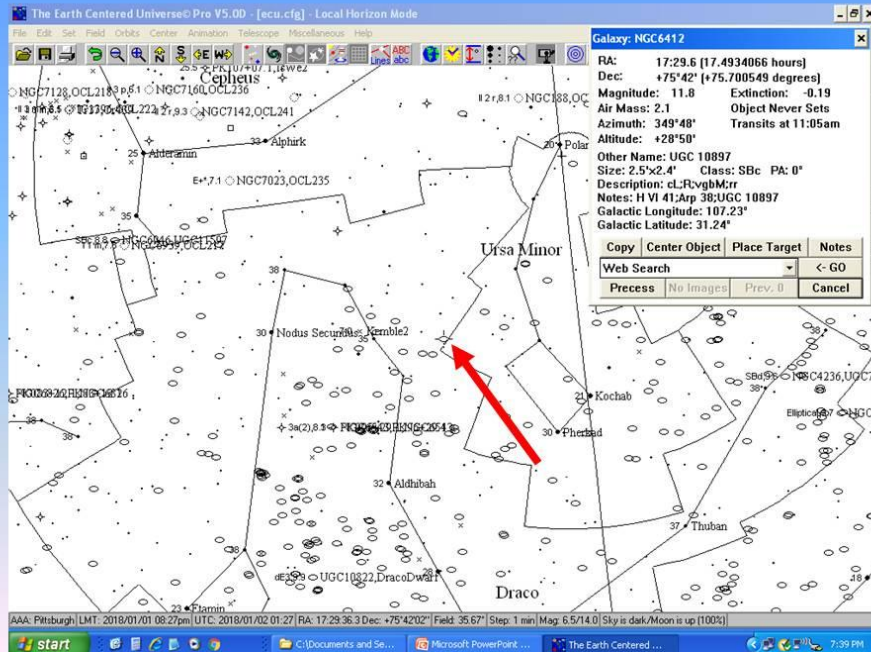
Arp30 – NGC6365A & B Spiral: one heavy arm



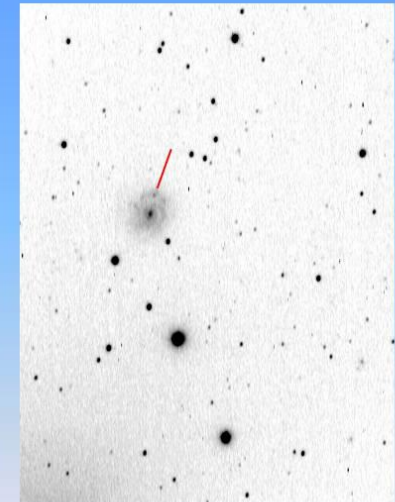
8" SCT f6.3 & Stellacam-3 @ 180 seconds

Arp38 – NGC6412

Draco



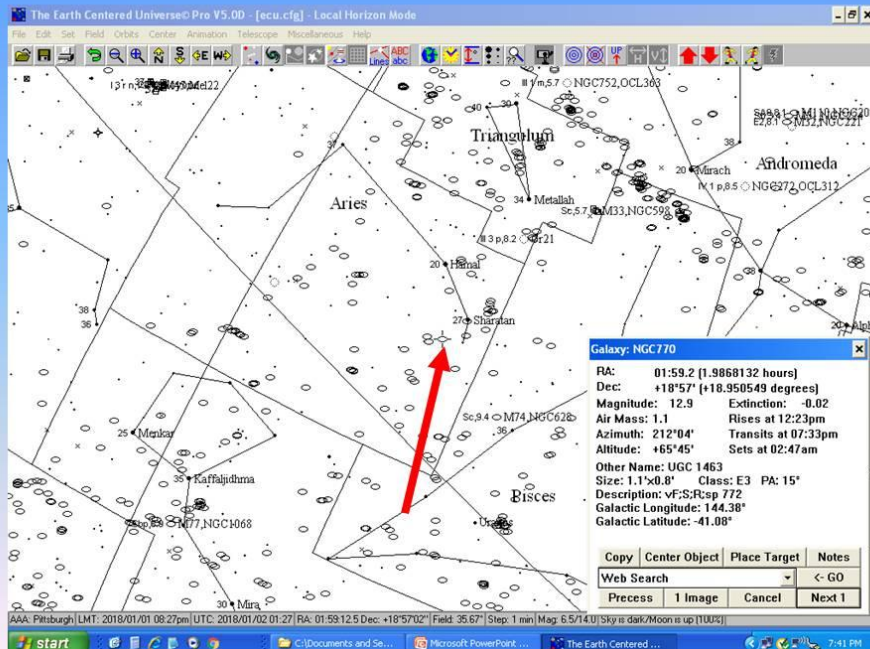
Arp38 – NGC6412 Spiral: Low SB companion on arm



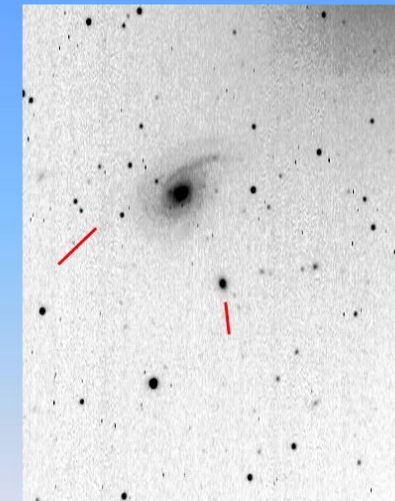
8" SCT f5 & Stellacam-3 @ 60 seconds

Arp78 – NGC770 & 772

Aries



Arp78 – NGC770 & 772 Spiral: Small High SB on arm



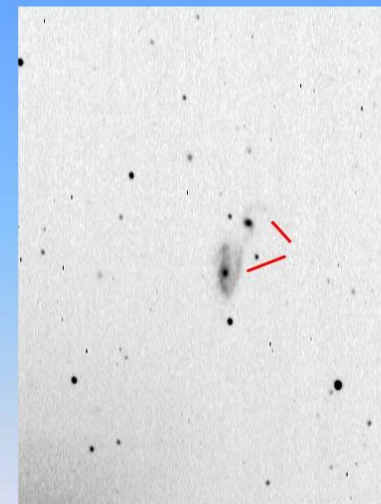
8" SCT f6.3 & Stellacam-3 @ 180 seconds

Arp84 – NGC5394 & 5395

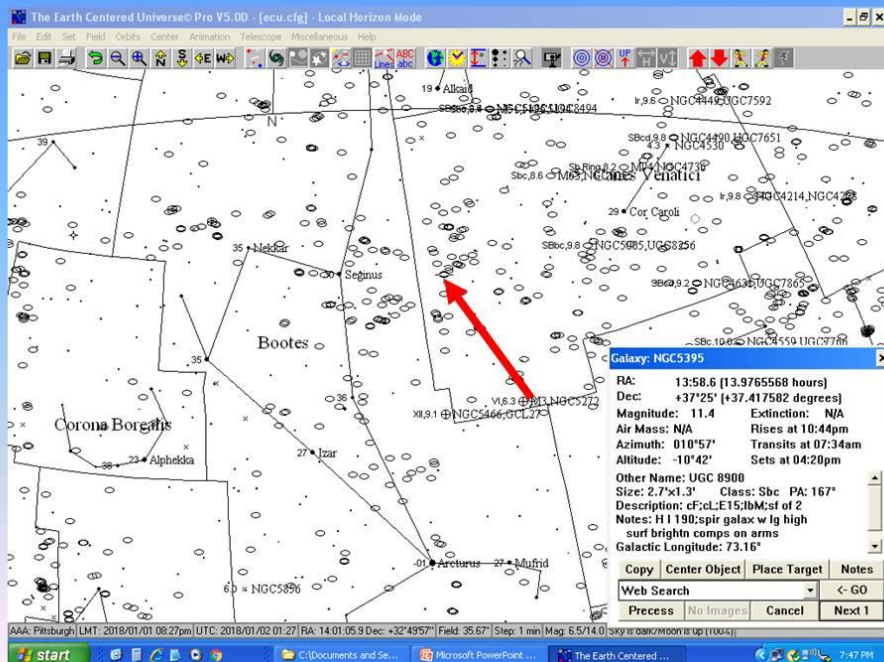
Canes Venatici

Arp84 – NGC5394 & 5395

Spiral: large High SB on arm



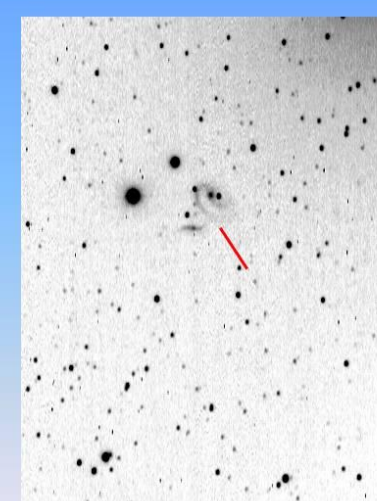
8" SCT f6.3 & Stellacam-3 @ 60 seconds



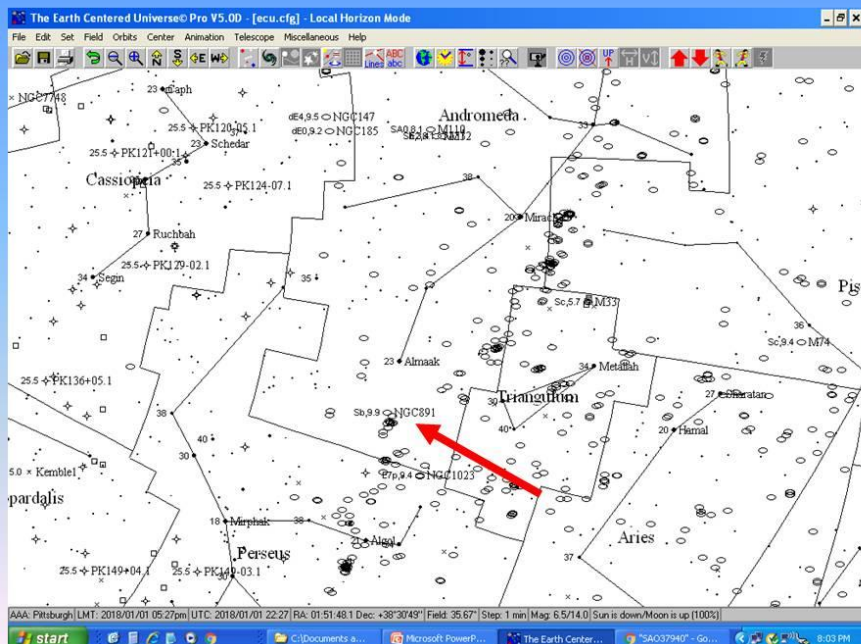
Arp273 – UGC1810-1813

Andromeda

Arp273 – UGC1810-1813 Galaxies: With Connected Arms

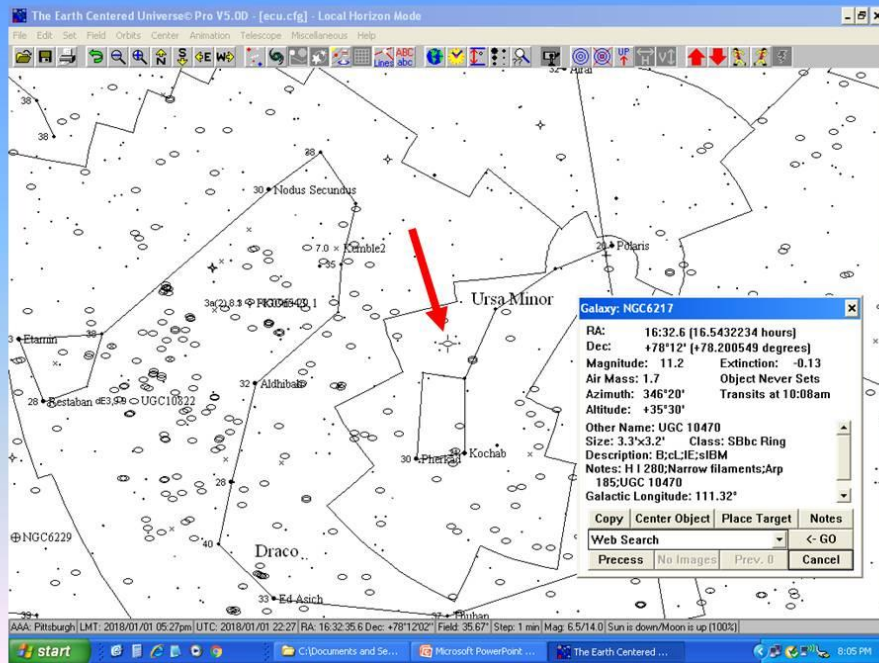


8" SCT f6.3 & Stellacam-3 @ 180 seconds

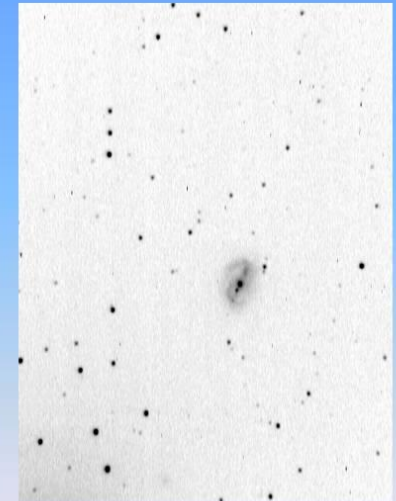


Arp185 – NGC6217

Ursa Minor

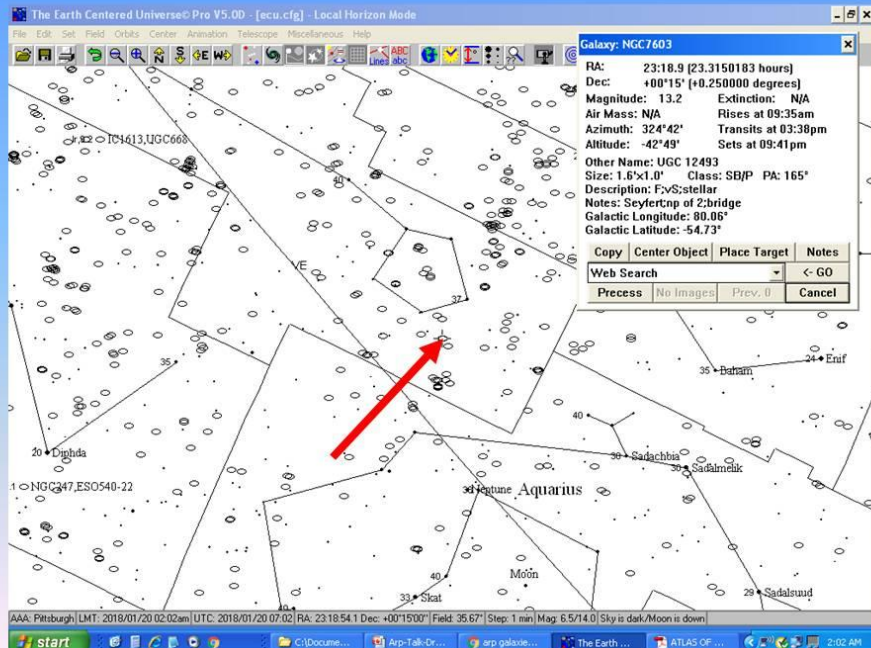


Arp185 – NGC6217 Spiral: Narrow filaments

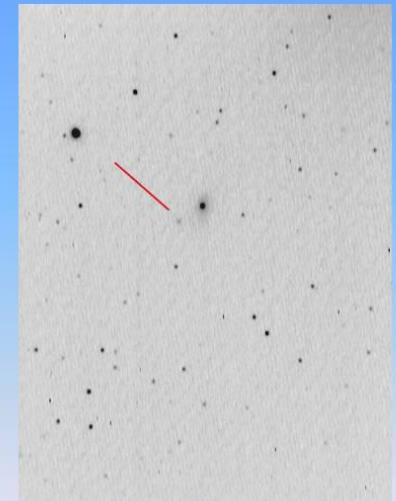


Arp92 - NGC7603

Pisces



Arp92 - NGC7603 Spiral: elliptical companion on arm



NGC 4319 and Markarian 205

Draco

The Earth Centered Universe Pro V5.0D - [ocu.cfg] - Local Horizon Mode

Galaxy: NGC4319

RA: 12:21.7 (12.3615385 hours)
Dec: +75°19' (+75.315934 degrees)
Magnitude: 11.9 Extinction: -0.06
Air Mass: 1.4 Object Never Sets
Azimuth: 018°02' Transits at 04:43am
Altitude: +47°40'

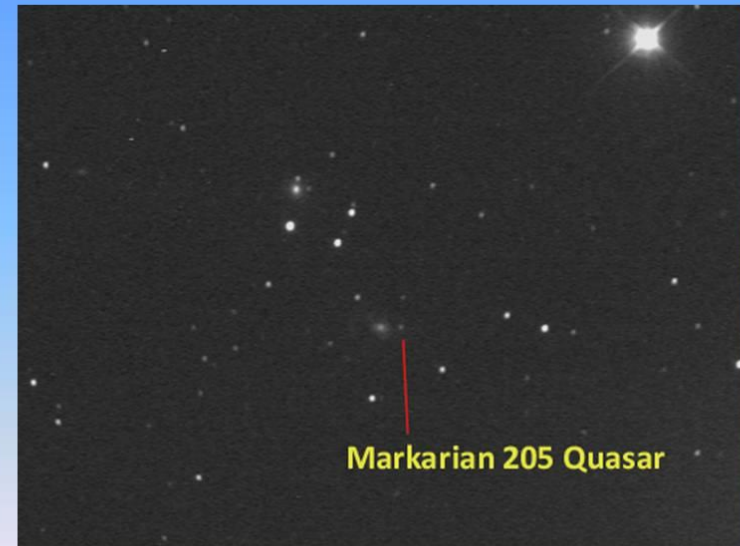
Other Name: UGC 7429
Size: 2.8"x2.1" Class: SBab PA: 160°
Description: pB;pS;vIE;sbM;vsvBN in bar
Notes: H I 276;NGC 4291 @ 7.4'
Galactic Longitude: 125.45°
Galactic Latitude: 41.67°

Copy Center Object Place Target Notes
Web Search <- GO
Precess No Images Prev. 0 Cancel

AAA: Pittsburgh LMT: 2019/01/20 01:05am UTC: 2019/01/20 06:05 RA: 12:21:41.5 Dec: +75:18:57 Field: 35.67 Step: 1 min Map: 6.5/14.0 Sky is dark/Moon is down

NGC 4319 and Markarian 205

Draco



6" RC f5 & Stellacam-3 @ 20 seconds

Credits:

Amateur Images: Video capture Images and Sketches: Larry McHenry - <http://stellar-journeys.org/>

Planetarium Software: "Earth Centered Universe" planetarium software by David Lane <http://www.nova-astro.com/>