

Saguaro Astronomy Club History

Officers

	President	Vice President	Secretary	Treasurer	Properties	Newsletter
1977	Fred Tretta	George Kohl	Pete Jurca	-	-	Tom Muggleton
1978	Fred Tretta	George Kohl	Pete Jurca	-	-	Tom Muggleton
1979	Dorelyn Levine	Open	Paul Maxson	Kent Hepburn	-	Paul Maxson
1980	Fred Tretta	Pete Jurca	Dorelyn Levine	Kent Hepburn	-	Pete Jurca
1981	Paul Maxson	Pete Jurca	Walt Reynolds	Kent Hepburn	Jim Glass	Paul Maxson
1982	Gary Fillingham	Steve Coe	Scott Stiers	AJ Crayon	George DeLange	Scott Stiers
1983	Pete Manly	George Balazs	Gerry Rattley	Alicia Stiers	Gene Lucas	Gerry Rattley
1984	Pete Manly	Steve Coe	Betty Gardner	Ed Poe	John McGrath	Gerry Rattley
1985	Jerry Maurer	Ed Poe	Shannon Thomas	Kent Hepburn	John McGrath	Bob Erdmann
1986	Gerry Rattley	Bob Lane	Mark Pritzl	Mike Park	Mona Johnson	Bob Erdmann
1987	Gerry Rattley	Gene Lucas	Mark Pritzl	Mike Park	Pierre Schwaar	Dave Steiner
1988	Dan Ward	Stan Celestian	Tom Polakis	Pete Burggraaf	Andrew Goodwin	Gerry Rattley
1989	Dan Ward	Stan Celestian	Tom Polakis	Cathe Becker	Andrew Goodwin	Pete Burggraaf
1990	Pete Burggraaf	Virginia Campbell	Phil Dahl	Cathe Becker	Rick Rotramel	Paul Dickson
1991	Paul Lind	Virginia Campbell	Phil Dahl	Bob Dahl	Rick Rotramel	Paul Dickson
1992	Paul Lind	Steve Coe	Susan Morse	Bob Dahl	Rich Walker	Paul Dickson
1993	Bob Dahl	Tom Polakis	Susan Morse	Carol Lee	Rich Walker	Paul Dickson
1994	Bob Gardner	Susan Morse	AJ Crayon	Carol Lee	Rich Walker	Paul Dickson
1995	Bob Gardner	Susan Pritchard	AJ Crayon	Adam Sunshine	Rich Walker	Paul Dickson
1996	Gerry Rattley	Steve Coe	David Fredericksen	Regina Lawless	Rich Walker	Paul Dickson
1997	Adam Sunshine	Gerry Rattley	David Fredericksen	Regina Lawless	Rich Walker	Paul Dickson
1998	Paul Dickson	Gerry Rattley	Ken Reeves	Jack Jones	Adam Sunshine	Paul Dickson
1999	Paul Dickson	Steve Coe	Jennifer Keller	Jack Jones	Ken Reeves	Paul Dickson
2000	Jack Jones	Steve Coe	Jennifer Keller	Peggy Kain	Pierre Schwaar	Rick Tejera
2001	Jack Jones	Diane Hope	AJ Crayon	Peggy Kain	Adam Sunshine	Rick Tejera
2002	David Fredericksen	Diane Hope	AJ Crayon	Paul Dickson	Adam Sunshine	Rick Tejera
2003	David Fredericksen	Steve Coe	Jennifer Keller	Paul Dickson	Rich Walker	Rick Tejera
2004	Thad Robosson	Jennifer Keller	Joe Macke	Al Stiewing	David Fredericksen	Rick Tejera
2005	Thad Robosson	Jennifer Polakis	Susan Pritchard	Al Stiewing	David Fredericksen	Rick Tejera
2006	Rick Tejera	Paul Lind	Susan Pritchard	Paul Dickson	Tom Polakis	Rick Tejera
2007	Rick Tejera	Paul Lind	Jennifer Polakis	Paul Dickson	Tom Polakis	Rick Tejera
2008	Steve Dodder	Jennifer Polakis	AJ Crayon	Charlie Whiting	Jack Jones	Rick Tejera
2009	Dick Harshaw	Chris Hanrahan	AJ Crayon	Charlie Whiting	Jack Jones	Rick Tejera

Fred Tretta - 3

Steve Coe - 6

AJ Crayon - 6
Susan Trask - 4
Jennifer Polakis - 4

Kent Hepburn - 4
Paul Dickson - 4

Rich Walker - 8

Paul Dickson - 10
Rick Tejera - 10

Speakers

Jan-80				
Feb-80				
Mar-80				
Apr-80				
May-80				
Jun-80				
Jul-80				
Aug-80				
Sep-80		SAC	Sci-fi films	
Oct-80				
Nov-80				
Dec-80	??		Christmas party	Phoenix
Jan-81	Fred Tretta	SAC	Telescope mountings	Phoenix
Feb-81	Wally Brown	SAC	Messier Marathon	Phoenix
Mar-81	Members	SAC	Telescope fair	Phoenix
Apr-81				
May-81	Pete Manly	SAC	Solar eclipses	Phoenix
Jun-81	John Gerometta	SAC	Observing double stars	Phoenix
Jul-81				
Aug-81				
Sep-81	Dave Fredericksen	SAC	Constructing a Dobsonian	Phoenix
Oct-81				
Nov-81				
Dec-81	??		Christmas party	Phoenix
Jan-82	John Gerometta	SAC	Observing double stars	Phoenix
Feb-82	Wally Brown	SAC	Stars	Phoenix
Mar-82	Dave Fredericksen	SAC	Scopes and mounts	Phoenix
Apr-82	Mike Marron	SAC	Earth shattering evolution	Phoenix
May-82	Mike Flinsch	SAC	Comets and meteorites	Phoenix
Jun-82				
Jul-82	Pete Manly	SAC	Observatories	Phoenix
Aug-82	Curt Taylor	SAC	Gas Giants	Phoenix
Sep-82	Ron Evans	NASA	Apollo 17 Command Module/Shuttle	
Oct-82	Desmond Welch	Air Force	Shuttle launches and landings	Phoenix
Nov-82	Scott Stiers	SAC	William Herschel	Phoenix
Dec-82	Pinnacle Peak Patio		Christmas party	Phoenix

Speakers

Jan-83	Members	SAC	Show and Tell	Phoenix
Feb-83	Rik Hill	KPNO	Amateur solar observations	Tucson
Mar-83	John Winters	Glendale Comm. Coll.	Variable star observing	Phoenix
Apr-83	Clyde Tombaugh	Lowell Observatory	Search for Planet X	Flagstaff
May-83	Members	SAC	Show and Tell	Phoenix
Jun-83	Wally Brown	SAC	Sketching planets	Phoenix
Jul-83	Delores Hill	KPNO	Meteorite study	Tucson
Aug-83	Gerry Rattley	SAC	The Java Eclipse	Phoenix
Sep-83	Steve Coe	SAC	Piggyback Astrophotography	Phoenix
Oct-83	Ron Greeley	ASU	Solar System spacecraft exploration	Phoenix
Nov-83	Brad Whitmore	ASU	Gyroscope galaxies	Phoenix
Dec-83	Scottsdale Hilton		Christmas party	Phoenix
Jan-84	Peter Wehinger	ASU	Comet Halley - amateur work	Phoenix
Feb-84	Anne Cowley	ASU	LMC X-1: A Black Hole?	Phoenix
Mar-84	Members	SAC	Show and Tell	Phoenix
Apr-84	Dan Brocius	MMT	World's largest telescopes	Tucson
May-84	Kim Poor	Novaspace	Space art	Tucson
Jun-84	Ken Ziegler	Amateur	Asteroid photometry	Phoenix
Jul-84	Steve Coe	SAC	Planetary nebulae	Phoenix
Aug-84	Mark Wagner	ASU	SS433	Phoenix
Sep-84	Robert Millis	Lowell Observatory	Asteroid occultations	Flagstaff
Oct-84	Frank Bronwell	?	FAR telescope in Tasmania	Phoenix
Nov-84	G. Harry Stein	?	The development of space	Phoenix
Dec-84	Betty Gardner		Christmas party	Phoenix
Jan-85	Susan Wyckoff	ASU	QSO's, also Comet Halley	Phoenix
Feb-85	Dave Schleicher	ASU	Solar System history/recent discovery	Phoenix
Mar-85	David Levy	Amateur	Observing in shadow of Kitt Peak	Tucson
Apr-85	Bil Romonshin	ASU	Gases in galaxy clusters	Phoenix
May-85	Paul Schmidtke	ASU	Epsilon Aurigae	Phoenix
Jun-85	Chris Schur/Steve Coe	SAC	Comets	Phoenix
Jul-85	Gerry Rattley	SAC	Orbits of visual binary stars	Phoenix
Aug-85	Paul Knauth	ASU	Climactic History of Earth	Phoenix
Sep-85	None		Swap meet	Phoenix
Oct-85	Russell Genet	Amateur	Automatic photoelectric telescopes	Phoenix
Nov-85	None		None	
Dec-85	Pinnacle Peak Patio		Christmas party	Phoenix

Speakers

Jan-86	Kathy Terry	ASU	Impact of Comet Halley on people	Phoenix
Feb-86	Steve Coe	SAC	His 18" f/6 Dobsonian	Phoenix
Mar-86	Gerry Rattley	SAC	Lunar grazing occultation timing	Phoenix
Apr-86	Jeff Charles	SAC	Eclipses	Phoenix
May-86	Coe/Fredericksen/Schur	SAC	Australia trip	Phoenix
Jun-86	Pete Manly	SAC	Radio astronomy/VLA	Phoenix
Jul-86	Ure Corsenty	ASU?	Formation of the Solar System	Phoenix
Aug-86	Carleton Moore	ASU	Meteorite study	Phoenix
Sep-86	Curt Taylor	SAC	Visual sensitivity/observing techniques	Phoenix
Oct-86	Members	SAC	Q&A panel discussion	Phoenix
Nov-86	David Burstein	ASU	Cosmology	Phoenix
Dec-86	Reata Pass Steakhouse		Christmas party	Phoenix
Jan-87	Pete Manly	SAC	Planetary ring formation	Phoenix
Feb-87	Peter Wehinger	ASU	Comet Halley results	Phoenix
Mar-87	Members	SAC	Show and Tell	Phoenix
Apr-87	Steve Coe	SAC	Lord Rosse's career	Phoenix
May-87	Ed Phillips	KTAR radio	Phx weather and Australia trip	Phoenix
Jun-87	David Levy	Amateur	History of comet discoveries	Tucson
Jul-87	Jim Scotti	Steward Observatory	Faint comet recovery	Tucson
Aug-87	Paul Tierney	Amateur	Australian amateur astronomy	Australia
Sep-87	Ken Ziegler	Amateur	High school astronomy program	Phoenix
Oct-87	Anne Cowley	ASU	Astronomy in China	Phoenix
Nov-87	Brian Skiff	Lowell Observatory	Atmospheric haloes and rainbows	Flagstaff
Dec-87	Steve Coe	SAC	Christmas party	Phoenix
Jan-88	Carleton Moore	ASU	Moon rocks	Phoenix
Feb-88	Pete Manly	SAC	Weird telescopes	Phoenix
Mar-88	Clyde Tombaugh	Lowell Observatory	Discovery of Pluto (at Brophy Prep.)	Flagstaff
Apr-88	Members	SAC	Show and Tell	Phoenix
May-88	Merle Parmer	DeVry Institute	JPL and the Galileo Project	Phoenix
Jun-88	Members	SAC	Show and Tell	Phoenix
Jul-88	7 from SAC	SAC	Australia trip	Phoenix
Aug-88	Rik Hill	KPNO	Amateur solar work	Tucson
Sep-88	Pierre Schwaar	SAC	Close approach of Mars	Phoenix
Oct-88	Jeff Charles	SAC	Mt. Kobau Star Party in Canada	Phoenix
Nov-88	Steve Coe	SAC	History of the NGC	Phoenix
Dec-88	Steve Coe	SAC	Christmas party	Phoenix

Speakers

Jan-89	David Crawford	SAC	IDA	Phoenix
Feb-89	Chris Schur	SAC	Astro films	Phoenix
Mar-89	Linda Striker	ASU?	Cosmology/galaxy collisions	Phoenix
Apr-89	Arthur Hoag	Lowell Observatory	Simple experiments	Flagstaff
May-89	Carolyn Collins Peterson	U. of Colorado	Planetary science and comets	Colorado
Jun-89	David Levy	Amateur	Comet hunting, variable stars	Tucson
Jul-89	Pete Manly	SAC	Bright sky astronomy	Phoenix
Aug-89	Ted Bowell	Lowell Observatory	Asteroid research	Flagstaff
Sep-89	Randy Whitlock	ASU	Meteorite study	Phoenix
Oct-89	Dan Brocious	SAO/MMT	MMT	Tucson
Nov-89	AJ Crayon	SAC	Drawing astronomical objects	Phoenix
Dec-89	Steve Coe	SAC	Christmas party	Phoenix
Jan-90	Ken Ziegler	Amateur	High school astronomical consortium	Phoenix
Feb-90	George Coyne	Vatican Observatory	Birth of stars and galaxies	Tucson
Mar-90	Robert Fried	Braeside Observatory	Photometry	Flagstaff
Apr-90	Tom Polakis/Pierre Schwaar	SAC	Five years in SAC/Video	Phoenix
May-90	Neville Woolf	UofA	Planned telescopes/Mt. Graham	Tucson
Jun-90	David Levy	Amateur	Comet, nova, comet	Tucson
Jul-90	Brian Skiff	Lowell Observatory	Chile observing	Flagstaff
Aug-90	5 from SAC	SAC	Australia trip	Phoenix
Sep-90	Peter Wehinger	ASU	Mt Graham Observatory	Phoenix
Oct-90	Pierre Schwaar	SAC	Video of moon and planets	Phoenix
Nov-90	Steve Coe	SAC	Serendipity in astronomy	Phoenix
Dec-90	Steve Coe	SAC	Christmas party	Phoenix
Jan-91	Pete Burggraaf	SAC	Harquahala Observatory	Phoenix
Feb-91	Paul Knauth	ASU	Malin Slides and ESO	Phoenix
Mar-91	Pera Annestad	ASU	Gases and dust between the stars	Phoenix
Apr-91	David Burstein	ASU	Cosmology	Phoenix
May-91	Kurt Zebatel	ASU	Tunguska movie	Phoenix
Jun-91	Members	SAC	Eclipse preparation	Phoenix
Jul-91	Rick Rotramel/Jeff Charles	SAC	Mazatlan total eclipse report	Phoenix
Aug-91	Members	SAC	Baja solar eclipse	Phoenix
Sep-91	Jack Larmer	ASU	Planetary formation in the Solar System	Phoenix
Oct-91	Steve Coe	SAC	History of astrophotography	Phoenix
Nov-91	None		Swap meet	Phoenix
Dec-91	Paul Lind	SAC	Christmas party	Phoenix

Speakers

Jan-92	Chris Schur	SAC	Astrophotography with SBIG autoguider	Phoenix
Feb-92	Stan Student	SAC	Backyard observatory in Scottsdale	Phoenix
Mar-92	None		None	
Apr-92	Derald Nye	Amateur	Past eclipse results	Tucson
May-92	Brian Skiff	Lowell Observatory	Starspots and tomorrow's weather	Flagstaff
Jun-92	David Levy	Amateur	Art of finding comets	Tucson
Jul-92	Gerry Rattley	SAC	Planetary nebulae	Phoenix
Aug-92	Rick Rotramel	SAC	UofA mirror lab	Phoenix
Sep-92	Jeff Hester	ASU	HST experiences	Phoenix
Oct-92	Members	SAC	Piggyback astrophotography	Phoenix
Nov-92	None		Swap meet	Phoenix
Dec-92	Paul Lind	SAC	Christmas party	Phoenix
Jan-93	Leon Knott	Amateur	Telescope making	Phoenix
Feb-93	Phil Christensen	ASU	Mars Observer	Phoenix
Mar-93	David Crawford	IDA	Light pollution and how to fight it	Tucson
Apr-93	David Burstein	ASU	Dark matter and the fate of the universe	Phoenix
May-93	Members	SAC	Show and tell	Phoenix
Jun-93	David Levy	Amateur	Breakup of Shoemaker-Levy 9	Tucson
Jul-93	Chris Schur	SAC	Darkroom procedures for astrophotography	Phoenix
Aug-93	Frank Zullo	Amateur	Astrophotography	Phoenix
Sep-93	Steve Coe	SAC	Humanity discovers island universes	Phoenix
Oct-93	None		None	
Nov-93	None		None	
Dec-93	Leroy Paller	SAC	Christmas party	Phoenix
Jan-94	Tom Polakis	SAC	Chile observing	Phoenix
Feb-94	Henry Vanderbilt	?	Space Access Society	Phoenix
Mar-94	Rick Blakely	Amateur	Evaluating telescopes	Phoenix
Apr-94	Paul Comba	Amateur	Asteroid discovery	Phoenix
May-94	David Jacobs/Ben Mixon	ASU/SW Museum	Archeoastronomy	Phoenix
Jun-94	Members	SAC	Show and tell	Phoenix
Jul-94	Jeff Hopkins	SAC	Astrology and astronomy	Phoenix
Aug-94	Steve Mutz	ASU	Images of faint galaxies from HST	Phoenix
Sep-94	Jim Scotti	KPNO	Spacewatch program	Tucson
Oct-94	Jeff Hester	ASU	HST: recent improvements	Phoenix
Nov-94	Pierre Schwaar/Paul Lind	SAC	Eclipse trip to Peru	Phoenix
Dec-94	Leroy Paller	SAC	Christmas party	Phoenix

Speakers

Jan-95	Kim Poor	Novaspace	Space art	Tucson
Feb-95	Dan Matlaga	ASU planetarium	40,000 years of mythology	Phoenix
Mar-95	Ralph Aeschliman	USGS-Flagstaff	Planetary mapping	Flagstaff
Apr-95	Gene Lucas	SAC	The eye in astronomy	Phoenix
May-95	Pete Manly	SAC	Airborne astronomy	Phoenix
Jun-95	Peter Wehinger	ASU	ASU telescope for students	Phoenix
Jul-95	Randall Whitlock	ASU	How to spot a meteorite	Phoenix
Aug-95	Members	SAC	Show and tell	Phoenix
Sep-95	Steve Coe	SAC	Eyepieces	Phoenix
Oct-95	Amanda Bosh	Lowell Observatory	Saturn's disappearing rings	Flagstaff
Nov-95	Jim Rice/Ken Edgett	ASU	Mars Planned Missions	Phoenix
Dec-95	Susan Pritchard	SAC	Christmas party	Phoenix
Jan-96	Jeff Hester	ASU	HST view of M16 and other nebulae	Phoenix
Feb-96	Chris Schur	SAC	Astrophotography	Phoenix
Mar-96	Kim Poor	Novaspace	Space art	Tucson
Apr-96	Peter Wehinger	ASU	Comets: the three H's	Phoenix
May-96	John Spencer	Lowell Observatory	The great comet crash	Flagstaff
Jun-96	None		Swap meet	Phoenix
Jul-96	Ed Vega/Max Bray	Amateur	Vega-Bray Observatory	Tucson
Aug-96	Dan Matlaga	ASU planetarium	Astronomical asterisks	Phoenix
Sep-96	David Burstein	ASU	Cosomology: H-R diagram for galaxies	Phoenix
Oct-96	Joason Offenburg	ASU	Stellar winds and mass loss in stars	Phoenix
Nov-96	Jim Crisman	SAC	A new look at galaxy morphology	Phoenix
Dec-96	Steve Coe	SAC	Christmas party	Phoenix
Jan-97	None		None	
Feb-97	Gerry Rattley	SAC	Supernovae	Phoenix
Mar-97	Steve Coe/Chris Schur	SAC	Comets	Phoenix
Apr-97	Members	SAC	Show and tell	Phoenix
May-97	Gerry Rattley	SAC	ASP slide set: famous astronomers	Phoenix
Jun-97	None		Swap meet	Phoenix
Jul-97	AJ Crayon	SAC	E400 slides	Phoenix
Aug-97	Sheri Cahn	EVAC	HST observing project	Phoenix
Sep-97	Warren Kutok	Photon Instruments	Refurbishing old telescopes	Phoenix
Oct-97	Peter Wehinger	ASU	ASU observatory progress	Phoenix
Nov-97	Paul Scowen	ASU	HST observations	Phoenix
Dec-97	Susan Pritchard	SAC	Christmas party	Phoenix

Speakers

Jan-98	Paul Knauth	ASU	Astrobiology	Phoenix
Feb-98	Derald Nye	Amateur	Eclipse chasing	Phoenix
Mar-98	Members	SAC	Show and tell	Phoenix
Apr-98	Paul Comba	Amateur	Discovering asteroids	Prescott
May-98	Tom Polakis	SAC	Backyard CCD imaging	Phoenix
Jun-98	None		Swap meet	Phoenix
Jul-98	Stan Celestian	JPL Ambassador	Galileo mission	Phoenix
Aug-98	Steve Coe	SAC	Meteor showers	Phoenix
Sep-98	Peter Wehinger	ASU	Large Binocular Telescope	Phoenix
Oct-98	Jason Aufdenberg	ASU	Star and interstellar medium	Phoenix
Nov-98	Marc Buie	Lowell Observatory	Pluto	Flagstaff
Dec-98	Steve and Rosie Dodder	SAC	Christmas party	Phoenix
Jan-99	Glen Sanner	Amateur	Visual observing	Sierra Vista
Feb-99	Jeff Medkeff	Amateur	Mars observing	Sierra Vista
Mar-99	Brian Skiff	Lowell Observatory	Where is the edge in deep-sky observing	Flagstaff
Apr-99	Rik Hill	KPNO	Solar observing	Tucson
May-99	Bill Peters	Amateur	Meteorite hunting	Phoenix
Jun-99	Chris Schur	SAC	Digitized Schmidt astrophotography	Phoenix
Jul-99	Tom McGrath	ASU	Binary stars	Phoenix
Aug-99	Dean Ketelsen	Steward Observatory	Steward Mirror Lab	Tucson
Sep-99	Amanda Bosh	Lowell Observatory	Saturn's rings	Flagstaff
Oct-99	Derald Nye	Amateur	August eclipse	Tucson
Nov-99	Steve Coe	SAC	Simple astrophotography	Phoenix
Dec-99	Camelback Arms		Christmas party	Phoenix
Jan-00	Michael Bakich	Amateur	Constellations	El Paso
Feb-00	Bob Erdmann	SAC	NGC/IC Project	Phoenix
Mar-00	Wil Milan	SAC	History of astrophotography	Phoenix
Apr-00	David Burstein	ASU	Current state of cosmology	Phoenix
May-00	Jeff Hester	ASU	Origins of stars	Phoenix
Jun-00	None		Swap meet	Phoenix
Jul-00	Amanda Bosh	Lowell Observatory	Planetary rings	Flagstaff
Aug-00	Marilyn Unruh	Amateur	Sketching the moon	Prescott
Sep-00	Rik Hill	KPNO	Spectrographs and spectroscopes	Tucson
Oct-00	Steve Coe	SAC	Dark nebulae	Phoenix
Nov-00	Chris Schur	SAC	CCD imaging	Phoenix
Dec-00	AJ Crayon	SAC	Christmas party	Phoenix

Speakers

Jan-01	Vicky Hamilton	ASU	Mars Global Surveyor	Phoenix
Feb-01	John Casella/Bill Kelly	Amateur	ATM projects	Sierra Vista
Mar-01	Wil Milan	SAC	VLBI astronomy project	Phoenix
Apr-01	Chris Schur	SAC	Color CCD astrophotography	Phoenix
May-01	AJ Crayon	SAC	Astronomical drawings	Phoenix
Jun-01	John Spencer	Lowell Observatory	Jupiter's moons	Flagstaff
Jul-01	Dan McKenna	Steward Observatory	Seeing and turbulence	Tucson
Aug-01	Laura Wodney	Lowell Observatory	Comets	Flagstaff
Sep-01	Tom Polakis	SAC	Southern sky observing	Phoenix
Oct-01	Paul Scowen	ASU	Molecular clouds	Phoenix
Nov-01	Steve Coe	SAC	All about filters	Phoenix
Dec-01	AJ Crayon	SAC	Christmas party	Phoenix
Jan-02	Maggie Turnbull	UofA	SETI	Tucson
Feb-02	Sally Oey	Lowell Observatory	Galaxy formation	Flagstaff
Mar-02	Ted Dunham	Lowell Observatory	SOFIA airborne observatory	Flagstaff
Apr-02	Brian Skiff	Lowell Observatory	Narrative over Chris Schur's images	Flagstaff
May-02	Peter Wehinger	Steward Observatory	Steward Observatory	Phoenix
Jun-02	None		Swap meet	Phoenix
Jul-02	Bob Millis	Lowell Observatory	Kuiper Belt	Flagstaff
Aug-02	Members	SAC	Show and tell	Phoenix
Sep-02	Ted Dunham	Lowell Observatory	Search for habitable planets	Flagstaff
Oct-02	Dave Healy	Amateur	Astrophotography bloopers	Sierra Vista
Nov-02	AJ Crayon	SAC	Astronomical drawings	Phoenix
Dec-02	AJ Crayon	SAC	Christmas party	Phoenix
Jan-03	David Burstein	ASU	Q&A session	Phoenix
Feb-03	Doug Snyder	Amateur	Planetary nebulae	Sierra Vista
Mar-03	Paul Scowen	ASU	Wolf-Rayet stars	Phoenix
Apr-03	Joe Bergeron	Amateur	Space art	California
May-03	Rich Jakiel	Amateur	Challenging deep-sky objects	Atlanta
Jun-03	Members	SAC	Show and tell	Phoenix
Jul-03	Chris Schur	SAC	Happy Jack Observatory	Phoenix
Aug-03	Herve Dole	?	Cosmological surveys	Phoenix
Sep-03	Adam Block	KPNO	Advanced observers program	Tucson
Oct-03	Tom Polakis	SAC	Planetarium software	Phoenix
Nov-03	Brent Archinal	USGS-Flagstaff	Mars lander missions	Flagstaff
Dec-03	David Fredericksen	SAC	Christmas party	Phoenix

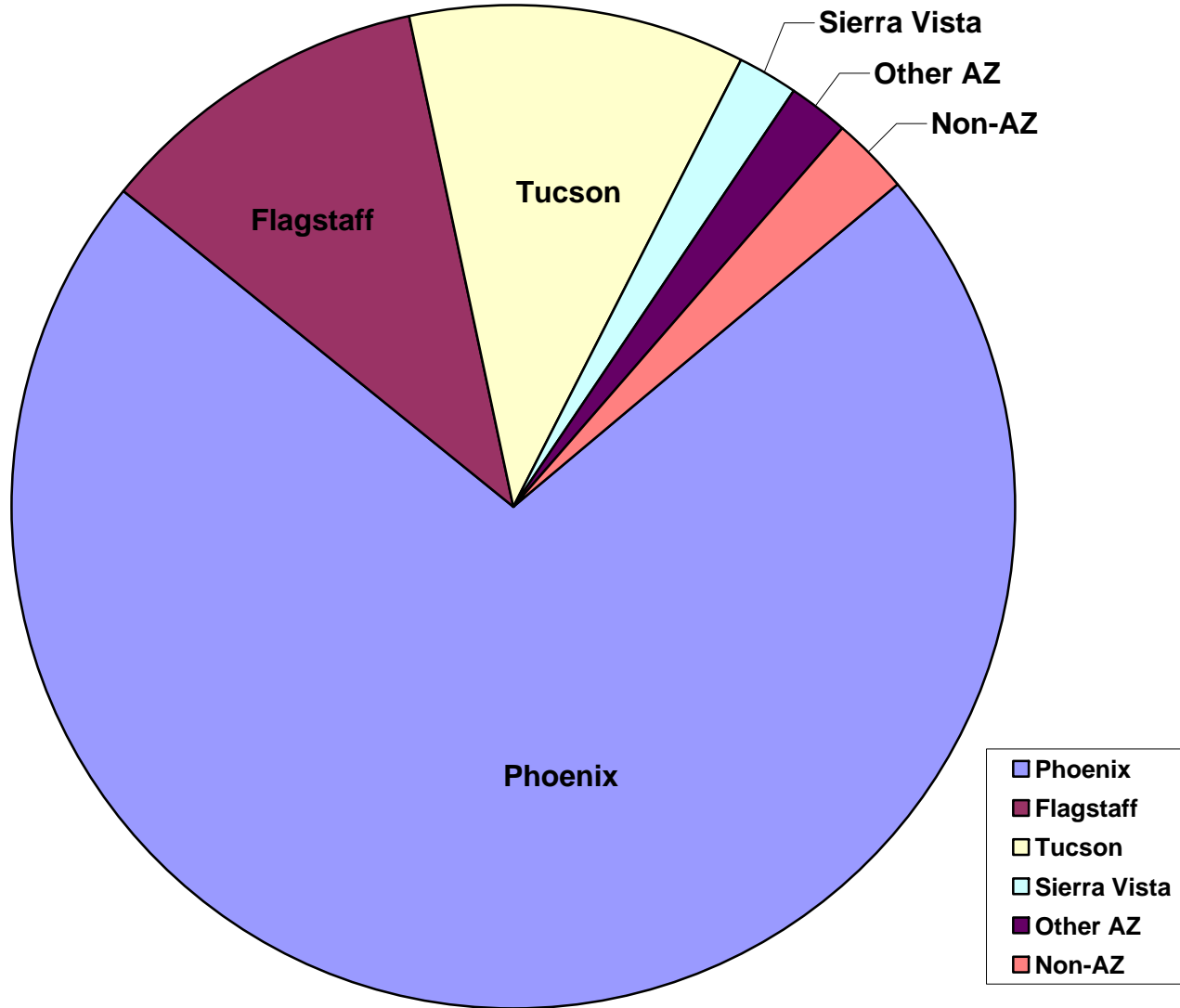
Speakers

Jan-04	Fulvio Melia	UofA	Black hole at the center of the Milky Way	Tucson
Feb-04	Paul Knauth	Amateur	Mars geology	Phoenix
Mar-04	Chuck Wood	Amateur	Lunar observing	Phoenix
Apr-04	George Coyne	Vatican Observatory	Dance of the fertile universe	Tucson
May-04	George DeLange	Amateur	Archaeoastronomy	Phoenix
Jun-04	Bill Hartmann	UofA	Mars geology	Tucson
Jun-04	Steve Dodder	Amateur	Overview of the sun	Phoenix
Jul-04	Doug Snyder/Dave Healy	Amateurs	Venus transit trips	Sierra Vista
Aug-04	Gene Turner	Amateur	Telescopes In Education	Portal
		Tenagra		
Sep-04	Michael Schwartz/Steve Coe	Observatory/SAC	Supernova discovery	Patagonia
Oct-04	Tom Polakis	SAC	Namibia Observing	Phoenix
Nov-04	Jack Newton	Amateur	ASV	Portal
Dec-04	David Fredericksen	SAC	Christmas party	Phoenix
Jan-05	Ted Dunham	Lowell Observatory	SOFIA observatory update	Flagstaff
Feb-05	Christopher Watson	Amateur	SkyGX star atlas	San Diego
Mar-05	Brian Skiff	Lowell Observatory	Minimalist observing	Flagstaff
Apr-05	Steve Coe	SAC	Australia trip	Phoenix
May-05	Brent Archinal	USNO	Huygens probe	Flagstaff
Jun-05	Joe Orman	EVAC	Naked eye 100 list	Phoenix
Jul-05	Wayne Johnson	TAAA	Supernovae	Benson
Aug-05	Robert McCall	McCall Studios	Space art career	Phoenix
Sep-05	Mike Spooner	Amateur	Optics and telescope making	Page
Oct-05	Bill Ferris	Amateur	Aperture and contrast	Flagstaff
Nov-05	Don Machholz	Amateur	Comet hunting	Colfax, CA
Dec-05	Susan Pritchard	SAC	Christmas party	Phoenix
Jan-06	Paul Lind	SAC	Earliest history of astrophotography	Phoenix
Feb-06	Paul Knauth	ASU	Latest findings on Mars	Phoenix
Mar-06	David Burstein	ASU	Chemical composition of globular clusters	Phoenix
Apr-06	Ted Dunham	Lowell Observatory	Kuiper Express exoplanet mission	Flagstaff
May-06	Tom Polakis	SAC	Sky photography	Phoenix
Jun-06	None		Swap meet	Phoenix
Jul-06	Steve Dodder	SAC	Solar observing	Phoenix
Aug-06	Paul Scowen	ASU	Orion MIDEX mission	Phoenix
Sep-06	Ted Howell	Lowell Observatory	NEO's and Pluto naming	Flagstaff
Oct-06	Jon Christensen	Amateur	Astroimaging	Phoenix
Nov-06	Brent Archinal	USNO	Moon mapping	Flagstaff
Dec-06	Susan Pritchard	SAC	Christmas party	Phoenix

Speakers

Jan-07	Steve Coe	SAC	Nebulae	Phoenix
Feb-07	Jeremy Perez	Amateur	Astronomical sketching	Flagstaff
Mar-07	David Healy	Amateur	32" JBO Observatory	Sierra Vista
Apr-07	Rik Hill	Catalina Sky Survey	Things That Go Bump In The Night	
May-07	Phil Christensen	ASU	Mars: New Views of a Complex Planet	Phoenix
Jun-07	None	SAC	Swap Meet	Phoenix
Jun-07	Jay Holmberg	UofA	The Biography of a Star	Tucson
Jul-07	Brian Gootee	ASU	Mars geology	
Aug-07	Ted Dunham	Lowell Observatory	Exoplanet surveys	Flagstaff
Sep-07	AJ Crayon	SAC	Open Clusters	Phoenix
Oct-07	Philip Pinto	Steward Observatory	Large Scale Synoptic Survey Telescope	Tucson
Nov-07	Steve Coe	SAC	Lord Rosse	Phoenix
Dec-07	Jennifer Polakis	SAC	Christmas Party	Tempe
Jan-08	Klaus Brasch	Amateur	Astroimaging	Flagstaff
Feb-08	Joe Bergeron	Amateur	Space art	Endicott, NY
Mar-08	Frank Zullo	Amateur	The Sky in Stone	Phoenix
Apr-08	Patrick Woida	ASU	Phoenix Mars Mission	Phoenix
May-08	Don Wrigley	EVAC	Observing the Moon	Phoenix
Jun-08	Brent Archinal	USNO	New Reconnaissance of the Moon & Return	Flagstaff
Jul-08	Tom Polakis	SAC	Rounding the Curve in Webcam Imaging	Phoenix
Aug-08	Richard Harshaw	SAC	The Awesome World of Double Stars	Phoenix
Sep-08	Adam Block	UofA	Mt. Lemmon Public Astronomy Program	Tucson
Oct-08	Steven Aggas	EVAC	Building and Observing the 36" Telescope	Phoenix
Nov-08	Dan Heim	Amateur	Light Pollution	Phoenix
Dec-08	Trask Residence	SAC	Holiday Party	Phoenix
Jan-09	Ted Dunham	Lowell Observatory	HIPO & SOFIA Updates	Flagstaff
Feb-09	Dave Salman	Amateur	Remote Telescope Control and Imaging	Tucson
Mar-09	Jeremy Perez	Amateur	Astronomical Sketching	Flagstaff
Apr-09	Paul Knauth	ASU	Astrobiology of the 22nd Century	Phoenix
May-09	AJ Crayon	SAC	Galaxy Classification Schemes	Phoenix
Jun-09	Howard Israel	EVAC	Mayan Astronomy	Phoenix
Jul-09	Member Show & Tell	SAC	Various Topics	Phoenix
Aug-09	Steve Desch	ASU	Cryovolcanism on Charon	Phoenix
Sep-09	Rik Hill & Dolores Hill	Catalina Sky Survey	Updates on Catalina Sky Survey	Tucson
Oct-09	Frank Timmes	ASU	White Dwarf Supernovae	Phoenix
Nov-09	Evan Scannapieco	ASU		Phoenix
Dec-09		SAC	Holiday Party	Phoenix

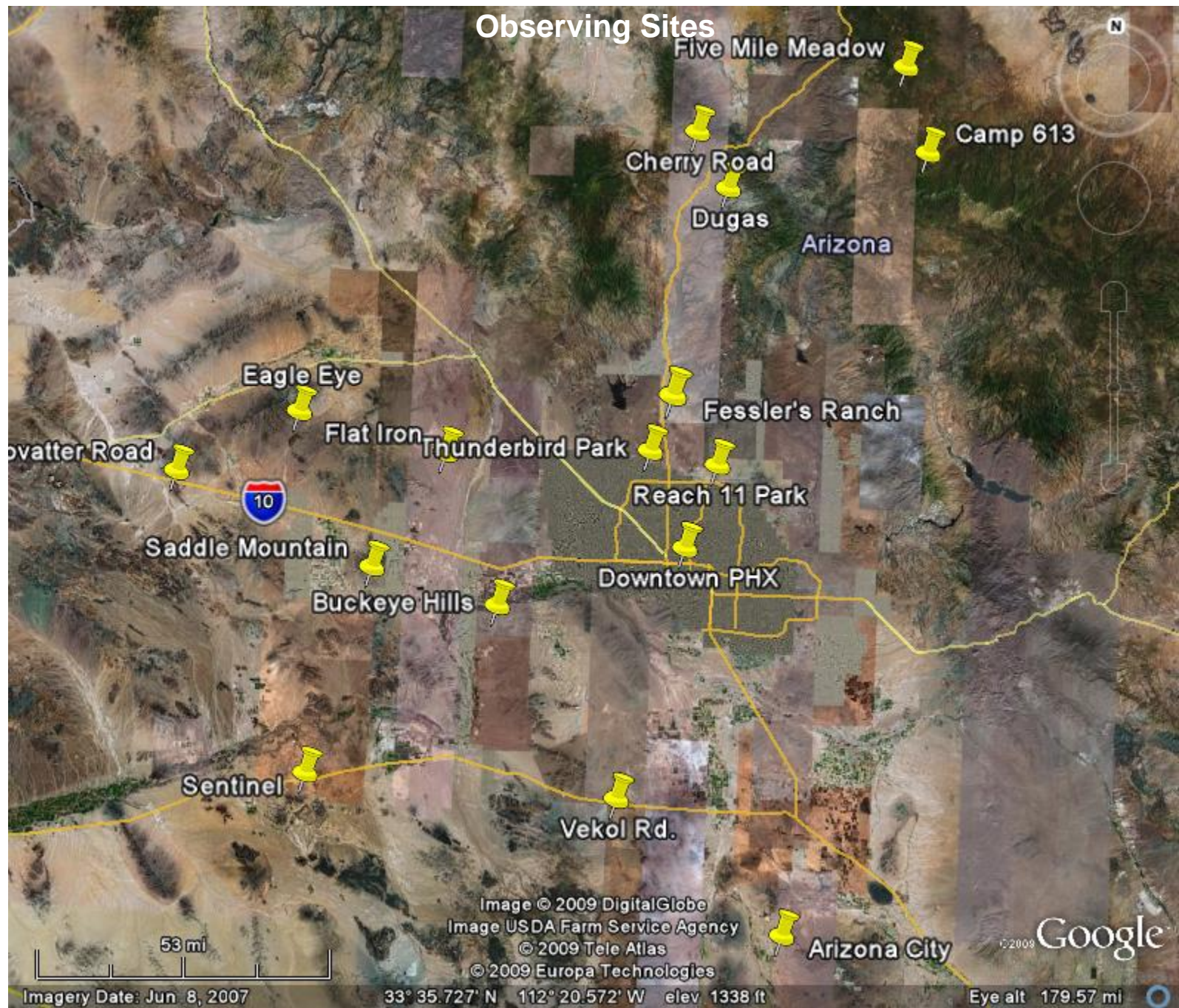
Speaker Locations



Observing Sites

Site	Coordinates			Years		From downtown PHX	
	Latitude	Longitude	Elevation	Begin	End	Miles	Azimuth
Fessler's Ranch	33 50.079	112 07.822	1770	1977	1984	27	353
Buckeye Hills	33 16.865	112 38.467	933	1984	1998?	35	241
Flat Iron	33 39.934	112 49.214	1537	??	2006	45	289
Saddle Mountain	33 21.865	113 01.900	1043	2005	-	56	264
Sentinel	32 49.603	113 12.401	734	1986	-	78	237
Vekol Rd.	32 47.958	112 15.123	1825	1986	-	46	193
Arizona City	32 27.688	111 43.829	1719	1990	-	70	163
Antennas	33 35.12	113.38.96	1280	2004	-	91	277
Eagle Eye	33 45.200	113 16.667	1956	??	??	73	287
Camp 613	34 28.8	111 22.2	7188	1990	2003	82	29
Five Mile Meadow	34 41.934	111 26.798	6855	2004	--	94	22
Dugas	34 22.343	111 59.074	4077	1984	2000	64	5
Cherry Road	34 30.869	112 05.147	4365	1998	-	74	359
Reach 11	33 39.816	111 59.062	1542	1987	1995	16	19
Thunderbird Park	33 41.625	112 11.514	1337	1986	-	18	338

Observing Sites



Herschel 400 Awards

Herschel Award #	Name	Date
5	Wally Brown	3/7/1983
6	Ron Caciola	4/19/1983
64	Rick Rotramel	8/20/1991
71	Steve Coe	3/27/1992
75	Jim Crisman	6/10/1992
77	AJ Crayon	7/8/1992
79	Tom Polakis	10/30/1992
87	Rich Walker	5/20/1993
175	Ken Reeves	10/7/1998
182	Brian Workman	3/3/1999
220	Joe Goss	2/6/2001
258	Jack Jones	9/15/2002
292	Dick Harshaw	4/13/2004
355	Paul Lind	11/15/2006
383	David Hofland	3/15/2008

SAC Observing List Awards

Messier Catalog		Urban List	110 Best NGC	100 Best Double Stars	1000 New Objects
Wally Brown	John Geromietta	Charles Whiting	Wally Brown	AJ Crayon	Steve Coe
Bob Buckner	Jim Glass	Bob Christ	Ron Caciola	Steve Coe	Joe Goss
Ric Jenning	George DeLange	David Cooper	Bob Buckner	Jim Crisman	David Hofland
Paul Maxson	Roland Sharer	Steve McAllister	Jim Glass	Vivian Crisman	
Fred Tretta	Ron Hatcher		George DeLange	Rich Walker	
George Balazs	Tom Koncel		Rick Rotramel	Chuck Hilliker	
Ron Caciola	Dan Ward		AJ Crayon	Thad Robosson	
AJ Crayon	Rick Rotramel		Jim Crisman	Bob Christ	
Jim Glass	Pieter Burggra		Steve Coe	Jack Jones	
Steve Coe	Michael Janes		Rich Walker	Rick Rotramel	
George DeLange	Jim Crisman		Paul Lind, Pres		
Roland Sharer	Rich Walker		Vivian Crisman		
Ron Hatcher	Tony LaConte		Brian Workman		
Tom McGrath	Vivian Crisman		Ken Reeves		
Gerry Rattley	Stan Student		Jack Jones		
Wally Brown	Bob Gardner		Joe Goss		
Bob Buckner	Charles Whitti		Charles Whiting		
Ron Caciola	Brian Workman		Thad Robosson		
Steve Coe	Ken Reeves		Rick Tejera		
AJ Crayon	Charles Whitin		Jennifer Keller		
Paul Maxson	Dawn Schur		David Hofland		
Ric Jennings	Thad Robosson		Bob Christ		
Fred Tretta	Rick Tejera				
Greg Askins	Steve & Rosie				
George Balazs	David Hofland				

Messier Marathon Results

Date	Number of SAC participants	Number of SAC participants with 107 or more objects	Number of SAC participants with 110 objects
3/20/1993	6	0	
4/9/1994	11	3	
4/1/1995	8	8	
3/16/1996	12	7	1
4/8/1997	8	6	
3/28/1998	0	0	
3/13/1999	6	5	
4/1/2000	5	2	
3/24/2001	23	18	9
4/13/2002	9	1	
3/29/2003	20	16	6
3/20/2004	8	5	
3/12/2005	13	9	
3/25/2006	15	5	
3/17/2007	13	11	
4/5/2008	15	10	
3/28/2009	10	6	1

Messier Marathon Participants

1 Marathon

Adam Sunshine	John Kannarr
Andrew Goodwin	Ken Sikes
Anne Marie Cooper	Lynn Blackburn
Biggs & Foxman	Marshall Dailey
Charles M. Eye	Mary Keller
Chris Hanrahan	Mike Lerch
Chuck Akers	Randy Ocheltree
Chuck Young	Regina Lawless
Curt Taylor	Rick Avery
Dan Gruber	Rod Lowe
Dave Steiner	Rosie Dodder
David Hardinger	Steve Coe
Dean Corn	Steve McAllister
Doug Allen	Steve Palmer
Doug Lang	Steve Perry
Gerald Rattley	Stewart Cramer
Howard Anderson	Thad Robosson
Jim Deck	Tim English
Jim Stevens	Tom McGrath
Joe Macke	Tony Marcotte
John Doll	Vito Pontarelli
John Hicks	Wes Edens

2 Marathons

Al Stiewing
Dawn Schur
Gale Cumberledge
Matt DeMartino
Matt Luttinen
Ray Vorbeck
Sheryl Gambardella
Stephen Perry
Steve Conner

3 Marathons

Bernie Sanden
Bob Christ
Charles Whiting
Jimmy Ray
Joe Goss
Ken Reeves
Richard Payne
Scott & Heather Saa
Steve Dodder
Tim Jones
Tom Polakis

4 Marathons

David Fredericksen
Jennifer Keller
Paul Dickson
Peter Argenziano
Steve & Rosei Dodde

Messier Marathon Hall of Fame

6 Marathons

8 Marathons

9 Marathons

10 Marathons

12 Marathons

Bob Gardner Joan McGue Wayne Thomas	Paul Lind Rick Tejera	AJ Crayon	Rick Rotramel	Jack Jones
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Club
Newsletter
1977



*Swift Spotting
Scope*
**SAGUARO
ASTRONOMY
CLUB NEWS**

OCTOBER 1977

TURN OFF YOUR

LIGHTS !



AND

TURN ON TO

ASTRONOMY

1977
Newsletter



SAGUARO ASTRONOMY CLUB NEWS

PHOENIX, ARIZONA

ISSUE NO. SEVEN

JUNE 1st, 1977

RECAPPING THE MONTH'S ACTIVITIES

Hello again - it's been a little longer than usual this time - but we have some great reports on the month's activities to share with you! Also we are including a reprint of a questionnaire received from Dr. J. Allen Hynek concerning the subject of UFO sightings by amateur astronomers.

FLAGSTAFF TRIP CANCELED DUE TO WEATHER

Regretfully the Flagstaff trip scheduled for May 14 had to be cancelled at the last minute due to a weather front which moved in and left 4 inches of snow in the Flagstaff area. It must have been a little more than a coincidence that the decision was reached on Friday the thirteenth! We've been in touch with both Lowell Observatory and the Naval Observatory, and chances are good we'll be able to reschedule both tours together soon. Our sincere apologies to our members who were inconvenienced by the last minute change - in future we hope to have a more efficient method of notification in the event of any change in plans.

RIVERSIDE ATM'S CONFERENCE - A FANTASTIC WEEKEND

Five members of the Saguaro Club attended the Riverside ATM's meeting this year, held near Big Bear Lake, California. There was also a large group attending from the Tucson area. Over 250 people attended this year's meeting, and over 135 telescopes were counted, making it the largest gathering ever!

51 telescopes were entered in the Merit Awards competition, among them John Adair's "Multi-Mak" photometric Maksutov telescope, and Tom Muggleton's 5" Richest-Field refractor. The judges were highly impressed by the fine workmanship and design of Tom's solid oak and brass tripod for his RFT, and he received one of the 12 Merit Awards! Pierre Schwar of the Tucson club brought home a Merit Award for his home-built 12" reflector.

Bob Letterman's demonstrations of a Litton image-intensifier tube attracted a great deal of interest at the meeting, as did our display of a 6" Buchroeder 3-mirror schiefspiegler telescope. Among other displays of interest were Orion Ernst's cooled-emulsion color astrophotos, Ben Mayer's "Problicon" blink-comparator apparatus, and many large telescopes such as an 18" reflector, several 16" reflectors, and an 11" refractor!

The enthusiasm and interest of all the people attending the conference, meeting and sharing ideas, made for a highly enjoyable weekend in the mountains, to which we're looking forward to again next year! Aside from one or two little mishaps, such as Tom leaving behind the stakes for his tent, and Pete Jurca forgetting a hat, which left him resembling a well-cooked lobster, it was a trip our group all enjoyed!!

Gene Lucas

NEXT MEETING - FRIDAY, JUNE 3rd - George Kohl's home, Glendale. See page following for details! Don't Forget - 7:30 p.m.

Fessler's
Ranch
Directions


SAGUARO ASTRONOMY CLUB NEWS
 PHOENIX, ARIZONA
 JUNE 15, 1977
 ISSUE NO. EIGHT

SKY PARTY - SATURDAY, JUNE 18TH

FESSELER'S RANCH
 DUSK 'TIL ?
 WATCH FOR "S.A.C." SIGNS
 CALL FRED TRETTA (979-8478) FOR DETAILS.



- AND ENJOY THE VIEWING.

TUCSON STAR PARTIES - the Tucson Astronomical and Astronautical Association (T.A.A.A.) invites all interested Phoenix amateur astronomers to attend their summer star parties to be held June 18, July 16, and August 13 (weather permitting) at the Saguaro National Monument Visitors' Center, WEST of Tucson. Skies are dark, and observing generally good. Power and restrooms are available. Call Gene Lucas (934-1889) for details.

**Grand Canyon
College "new"
building - 1980**

SAGUARO'S AUGUST MEETING!
THE SAGUARO ASTRONOMY CLUB WILL MEET AUGUST 22nd, AT GRAND CANYON
COLLEGE AT 8PM. 'TILL ???.
SPECIAL NOTE---WE WILL BE MEETING IN THE NEW SCIENCE BUILDING-FOLLOW
SIGNS FROM OLD SCIENCE BUILDING.

COME JOIN THE FUN!

**SHOW AND TELL
**INFORMATIVE PRESENTATIONS

** DEMONSTRATIONS
** REFRESHMENTS

BRING A FRIEND!

GRAND CANYON COLLEGE

