

# Saguaro Astronomy Club

Metro Phoenix, Arizona

## SACNEWS



October 1991 — Issue #177

## Comet Comments

by Don Machholz

One returning comet has been recovered recently. Three other comets are in our sky, now is a good time to get out to see them.

**Periodic Comet Arend (1991u):** T. Seki of Japan recovered this comet on Aug. 1 at magnitude seventeen. This comet has an orbital period of eight years and will be closest to the sun early next year. It will not get much brighter.

Periodic	Comet	Hartley 2	(1991t)
Date	RA-1950-Dec	RA-2000-Dec	Elong Sky Mag
09-21	07h57.5m +19°23'	08h00.4m +19°15'	59° M 10.1
09-26	08h16.9m +17°20'	08h19.7m +17°11'	59° M 10.3
10-01	08h34.7m +15°18'	08h37.5m +15°08'	60° M 10.5
10-06	08h51.2m +13°19'	08h54.0m +13°08'	60° M 10.7
10-11	09h06.5m +11°23'	09h09.2m +11°11'	61° M 10.9
10-16	09h20.6m +09°10'	09h23.2m +09°18'	62° M 11.2
10-21	09h33.6m +07°43'	09h36.2m +07°30'	64° M 11.4
10-26	09h45.2m +06°00'	09h48.2m +05°47'	65° M 11.7
10-31	09h56.6m +04°23'	09h59.2m +04°08'	67° M 12.0
11-05	10h06.6m +02°49'	10h09.2m +02°35'	69° M 12.2
11-10	10h15.8m +01°21'	10h18.4m +01°06'	71° M 12.5

Periodic	Comet	Wirtanen	(1991s)
Date	RA-1950-Dec	RA-2000-Dec	Elong Sky Mag
09-21	08h29.0m +18°28'	08h31.8m +18°18'	52° M 10.2
09-26	08h50.7m +18°02'	08h53.5m +17°51'	52° M 10.2
10-01	09h11.8m +17°29'	09h14.6m +17°16'	52° M 10.3
10-06	09h32.2m +16°49'	09h35.0m +16°36'	52° M 10.5
10-11	09h51.8m +16°04'	09h54.7m +15°50'	52° M 10.5
10-16	10h10.7m +15°14'	10h13.5m +15°00'	52° M 10.6
10-21	10h28.7m +14°23'	10h31.5m +14°06'	53° M 10.7
10-26	10h45.9m +13°30'	10h48.6m +13°13'	54° M 10.9
10-31	11h02.3m +12°36'	11h05.0m +12°19'	55° M 11.0
11-05	11h17.9m +11°42'	11h20.6m +11°25'	56° M 11.2
11-10	11h32.7m +10°49'	11h35.4m +10°33'	57° M 11.4

## Quick Calendar

Star Party with EVAC  
At EVAC's southern site  
Saturday, October 5

Public Star Party  
Reach 11

Saturday, October 12

Saguaro Astronomy Club meeting  
Friday, October 25  
*Nominations for 1992 SAC Offices*

Periodic	Comet	Faye	(1991n)
Date	RA-1950-Dec	RA-2000-Dec	Elong Sky Mag
09-21	01h35.7m +13°30'	01h38.4m +13°45'	150° M 10.8
09-26	01h38.5m +12°48'	01h41.2m +13°04'	154° M 10.7
10-01	01h40.7m +11°58'	01h43.4m +12°13'	159° M 10.5
10-06	01h42.5m +10°58'	01h45.2m +11°13'	164° M 10.4
10-11	01h43.8m +09°52'	01h46.5m +10°07'	169° M 10.3
10-16	01h44.8m +08°40'	01h47.5m +08°55'	174° M 10.2
10-21	01h45.6m +07°25'	01h48.3m +07°40'	177° E 10.1
10-26	01h46.4m +06°10'	01h49.0m +06°25'	174° E 10.0
10-31	01h47.2m +04°58'	01h49.8m +05°13'	169° E 10.0
11-05	01h48.3m +03°51'	01h50.9m +04°06'	164° E 10.0
11-10	01h49.8m +02°52'	01h52.4m +03°07'	159° E 10.0

## Bits and Pieces

### Minutes of the August Meeting

President Paul Lind called the meeting to order at 7:30pm. First on the agenda was upcoming events (see attached calendar). A motion was made and passed to drop the Buckeye Hills Star Party on Oct. 5 in favor of a joint party with E.V.A.C. Next Bob Dahl gave the treasurer's report. He also reported that the insurance premium dropped from \$380 to \$269.

The rest of the meeting was various club members recounting their experiences watching the eclipse from around the world. Michael James showed slides of totality from Baja. Richard showed prints taken from a ferry off the coast of Puerto Vallarta. Brian Vorndam showed strik-

ing video from La Paz. Paul Lind and Chris Schur showed video and slides from the big island of Hawaii. Pierre Schwaar had video from Mazatlan. Rick Rotramel who accompanied Pierre shared some footage taped from the Weather Channel showing satellite pictures of the shadow moving across the Pacific and Mexico. Finally Jeff Charles had impressive pictures of the eclipse also from Mazatlan. —*Phil Dahl, SAC Secretary*

<b>1991 SAC Meetings</b>
October 25
November 22
December 14 Party
— <b>1992</b> —
January 17
February 14
March 20

<b>1991 SAC Star Parties</b>
October 5
November 9
December 28
— <b>1992</b> —
January 25
February 22
March 28

### Deep Sky Meeting

The Deep Sky meeting will take place on Thursday, October 31 at 7:30pm. All objects in the constellation Pegasus are open for discussion.

### Coming Events

Elections are coming! Nominations for the offices of the Saguaro Astronomy Club will begin at the October meeting.

There will be a Public Star Party at Reach 11 Oct 12. The site is northwest of the intersection of Tatum and Union Hills. See the map in this newsletter.

## Directions to SAC Events

**SAC General Meetings** 7:30 PM at Grand Canyon University, Fleming Building, Room 105 — 1 mile west of Interstate 17 on Camelback Rd., north on 33rd Ave., second building on the right.

**SAC Star Parties** at Buckeye Hills Recreation Area — Interstate 10 west to Exit 112 (30 miles west of Interstate 17), then south for 10.5 miles, right at entrance to recreation area, one-half mile, on the right. No water and only pit toilets. Please arrive before sunset; allow one hour from central Phoenix.

**SAC Deep Sky Subgroup Meeting** at John & Tom McGrath's, 11239 N. 75th St., Scottsdale, 998-4661 — Scottsdale Rd. north, Cholla St. east to 75th St., southeast corner.

## Special Note on Magazine Subscriptions

The rates for subscribing to *Astronomy*, *Deep Sky*, and *Telescope Making* have increased by \$2.00 each. This was not known when last month's newsletter was printed. See the Member Services Form on the back page.

## November Newsletter Deadline

Be sure to mail items to be included in the newsletter by Oct 23. Items sent later will not be included, but will be inserted in the next newsletter.

## SAC Officers

President	Paul Lind	863-3077
Vice President	Virginia Campbell	253-3025
Secretary	Phil Dahl	839-8990
Treasurer	Bob Dahl	582-5526
Properties	Rick Rotramel	439-4701
Chairman of SACNEWS/Editor	Paul Dickson	841-7044

## Such-A-Deal

**SUCH-A-DEAL** is a place to advertise equipment, supplies, and services related to amateur astronomy. This is a free service for SAC members and friends. SAC is not responsible for the quality of advertised items or services.

**Telescope**—10" Newtonian reflector on 'Lil' Big Foot Mount with Piccadilly photographic setup. R.A. and Dec drives with hand controller. 12mm, 20mm plössl eyepieces, 50mm finder scope, 3X barlow, stop-down mask, some photographic equipment. \$1000 / OBO. Or trade for comparable 386 based computer system or trade for 27" MTS stereo television and cash. Call David Owings 772-9304.

**Telescope**—Meade 2080 LX3 8" Schmidt Cass. with H.D. tripod, wedge, 8x50 polar finder, transformer, hand control, skyglow filter, camera adaptors, numerous eyepieces, filters, etc & carrying case. Books & owner's manual. Three years old in perfect condition. \$995.00. Wyman Osborn 832-9069