

The Objective View

Newsletter of the Northern Colorado Astronomical Society

September 2010

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add ncastro.org to complete email address

Next Meeting: September 2 7:30 pm

Backyard Dome Observatories

By Craig Betzina

Club Business at 7:15 pm

Fort Collins Museum, 200 Mathews St Fort Collins CO

http://nightsky.jpl.nasa.gov/club-view-directions.cfm?Adress_ID=2810

NCAS Programs

Oct 7 Dr Paul Lightsey, Ball Aerospace, Telescopes+Rockets
Nov 4 Robert Arn Astrophotography

NCAS Public Starwatch at Fossil Creek Reservoir

Sep 17, Oct 2, Nov 12, Dec 20

http://www.co.larimer.co.us/naturalresources/fossil_creek.htm

City of Fort Collins Natural Area Program at Sunset

Bobcat Ridge: Sep 9, Oct 14

<http://www.fcgov.com/naturalareas/finder/bobcat>

Dark Site Observing Dates

September 10, 11 Keota or other dark site, ask FRAC

Other Events

Chamberlin Observatory Open House, 7 to 10 pm

Sep 18, Oct 16, Nov 13, Dec 11

303 871 5172 <http://www.du.edu/~rstencil/Chamberlin/>

Cheyenne Astronomical Society Sep 4,5: Camp Jack Star Party Sep 24: Observing meeting at Terry Bison Ranch, see <http://home.bresnan.net/~curranm/>

CSU Madison Macdonald Observatory Public Nights
On East Drive, north of Pitkin Street
Tuesdays after dusk if clear, when class is in session

Estes Park Memorial Observatory. 7:30 pm Sep 4, 18.
7 pm Sep 23 <http://www.angelsabove.org/>

Little Thompson Observatory, Berthoud 7 pm Sep 17. Dr
John Bally, Birth of Stars and Planets
<http://www.starkids.org>

Longmont Astronomical Society 7 pm Sep 16 at IHOP, 2040
Ken Pratt Blvd. Bill Tschumy, Structure of the Milky Way.
<http://www.longmontastro.org/>

August 12 NCAS Club Picnic at Bobcat Ridge



Caldwells, Roger Appeldorn and Dave Chamness

Starwatch at Rocky Mountain National Park Aug 27



Jon Caldwell and his homeground 12.5 Newtonian



McCallums and Phil's scope from John Dobson's Class



Randy Cunningham and Telekit 20



Dave Dunn and his Unitron 4



Rob Grover and his Telekit 13



Tim Antonsen and his C8

Jack Horkheimer 1938-2010

Just got this note from Carroll...

The Astronomical League has received the sad word that Jack Horkheimer, Public Television's Star Gazer for 30 years, has died.

He was a long time supporter of the League, including his sponsorship of the League's Horkheimer Service and Horkheimer Youth Journalism awards. In addition to being a giant in the planetarium field, many amateur astronomers were honored to hear him speak at various League ALCons, regional conventions and star parties.

He will definitely be missed.

Here is the link for the news story:

<http://www.miamiherald.com/2010/08/20/1785361/star-gazer-host-jack-horkheimer.html>

As Jack always said "Keep looking up".

Carroll Iorg, President-Elect, Astronomical League

Best Looks

- Moon By Pleiades July 8; by Venus July 14
By Mars July 15; by Saturn July 16
By Jupiter July 30
- Mercury In W at dusk after midmonth. By Regulus 27th
- Venus W at twilight. By Regulus July 7 to 12
- Mars Low in W at sunset. By Saturn July 29 to Aug 1
- Jupiter In SE predawn
- Saturn In W in evening
- Uranus 2 to 3 degrees W of Jupiter

Date	Mag	Starts			Max. <u>Altitude</u>			Ends		
		Time	<u>Alt.</u>	<u>Az.</u>	Time	<u>Alt.</u>	<u>Az.</u>	Time	<u>Alt.</u>	<u>Az.</u>
1 Sep	-0.3	21:05:55	10	NNW	21:06:23	10	N	21:06:50	10	N
2 Sep	-0.6	19:56:21	10	NW	19:57:46	13	NNW	19:59:11	10	NNE
2 Sep	-0.5	21:33:18	10	N	21:34:11	11	N	21:34:27	11	NNE
3 Sep	-0.4	20:25:15	10	N	20:25:32	10	N	20:25:50	10	N
3 Sep	-0.3	21:59:58	10	NNW	22:00:24	12	NNW	22:00:24	12	NNW
4 Sep	-0.6	20:52:17	10	N	20:53:18	11	N	20:54:20	10	NNE
5 Sep	-0.5	19:44:31	10	N	19:44:31	10	N	19:44:31	10	N
5 Sep	-1.1	21:18:54	10	NNW	21:20:38	17	N	21:20:38	17	N
6 Sep	-0.8	20:11:11	10	NNW	20:12:21	12	N	20:13:31	10	NNE
6 Sep	-0.7	21:45:39	10	NW	21:46:34	17	NNW	21:46:34	17	NNW
7 Sep	-1.4	20:37:46	10	NNW	20:39:56	18	NNE	20:40:53	16	NE
8 Sep	-2.4	21:04:30	10	NW	21:06:51	36	N	21:06:51	36	N
9 Sep	-1.6	19:56:34	10	NNW	19:58:51	20	NNE	20:01:06	10	ENE
9 Sep	-1.1	21:31:30	10	WNW	21:32:51	24	WNW	21:32:51	24	WNW
10 Sep	-3.0	20:23:16	10	NW	20:26:09	45	NNE	20:27:16	29	E
11 Sep	-3.0	20:50:19	10	WNW	20:53:11	48	SW	20:53:23	47	SSW
12 Sep	-3.3	19:41:59	10	NW	19:44:54	53	NNE	19:47:48	10	ESE
12 Sep	-0.7	21:18:21	10	W	21:19:34	13	WSW	21:19:34	13	WSW
13 Sep	-2.5	20:09:04	10	WNW	20:11:52	40	SW	20:14:13	13	SSE
14 Sep	-0.5	20:37:27	10	WSW	20:38:34	12	SW	20:39:42	10	SSW
15 Sep	-2.0	19:27:45	10	WNW	19:30:28	34	SW	19:33:10	10	SSE
28 Sep	-0.4	06:11:41	10	SSE	06:13:10	13	SE	06:14:40	10	E
30 Sep	-0.8	05:29:24	10	S	05:31:12	15	SE	05:33:00	10	E

ISS predictions from:

<http://www.heavens-above.com/main.aspx?lat=40.4997&lng=-105.05736&loc=Fort+Collins+CO+USA&alt=0&tz=MST>