

SUNDIAL REGISTRY STATUS

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Sundial Registrar

North American Sundial Society

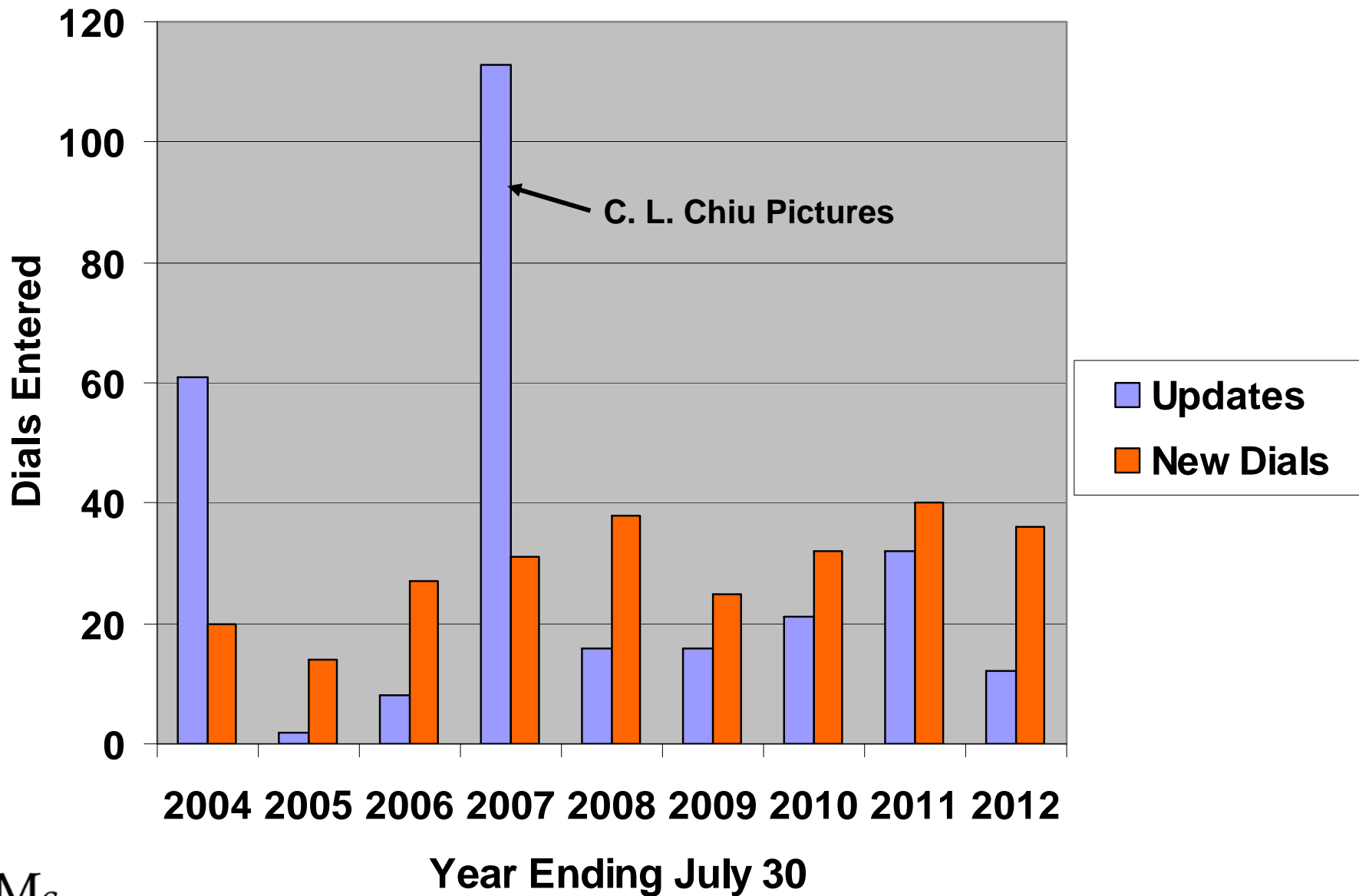


August 19, 2012

REGISTRY STATISTICS

- MY 8th YEAR AS REGISTRAR!
- 36 NEW DIALS ENTERED IN 2012; 12 DIALS UPDATED
 - 30 new dials per year average over past 8-year period
 - Registry now includes 763 sundials
 - Frequent submitters sent 53% of total submissions
 - Roger Bailey (14); Maureen Salmi (3)
 - Mark Montgomery (2); Don Petrie (2)
 - Walter Sanford (2); John Schilke (2)
- REGISTRY REPORTS IN PDF FORMAT UPDATED
 - Can be loaded onto tablet computer and carried
- REGISTRY RETROSPECTIVE 2005 – 2012
 - 243 new dials registered; 220 dials revised
 - Processed 1111 dial images in Photoshop

REGISTRY UPDATES BY YEAR



REGISTRY ISSUES

- DEPENDENT ON **YOU** FOR REGISTRATION SUBMISSIONS
- MOST SUBMISSIONS ARE DEFICIENT IN DATA AND IMAGES
 - Requires email correspondence to get data
 - Pictures are often sent in poor resolution
 - Overall quality of submissions is improving
- NEW NASS WEBSITE NOW SHOWS COMPLETE REGISTRY
 - Can now download full-resolution pictures
- STRIVING TO IMPROVE DATA QUALITY
 - Insisting on more complete information from submitters

TYPICAL REGISTRY PDF REPORT PAGE

North America Sundials

Wednesday, July 29, 2009

NASS Registry DialNr 658

City	Redlands	SiteLatitude	34° 03.830' N
State	California	SiteLongitude	117° 09.685' W
Country	USA	Access	Public
DialType	Vertical		
Condition	Very good		
Record Date	Jul 2009		
Recorder	Gary Jacobs		
Location	University of Redlands Appleton Hall for Physics, Mathematics and Computer Science 1200 E. Colton Avenue Redlands, California		
Owner	University of Redlands		
Designer	Dr. Tyler Nordgren, Associate Professor of Physics at University of Redlands		
Builder			
Dial Date	2006		



Description A 60x40 foot vertical dial of stucco, wood and brass, filling the south exterior wall of the building. Roman hour numerals show PST; Arabic hour numerals show PDT. Summer and winter solstice and the equinox lines are shown; the shadow of a nodus on the gnomon indicates the date.

Dr. Nordgren explains that the shadow of the 10-inch diameter nodus "is just the right size to take into account periods when sundials are fast or slow relative to clock time. When dials run their slowest, the leading edge of the nodus shadow gives the accurate time. During periods when dials run their fastest the trailing edge gives the accurate time."

Dr. Nordgren was among the seven designers of the sundials used on the NASA Mars Rovers in 2004.

Base

Inscription

Reference

Riverside (Calif.) Press-Enterprise newspaper story published 11:44 p.m. PST on Fri., Nov. 25, 2005 on building complex.
http://www.pe.com/localnews/sanbernardino/stories/PE_News_Local_M_buildings26.1d2dea57.html

Web

INTERESTING NEW DIALS REGISTERED

Atlantic Beach, Florida, Polar Nodus Dial

Face in polar plane

Point-in-Space Nodus

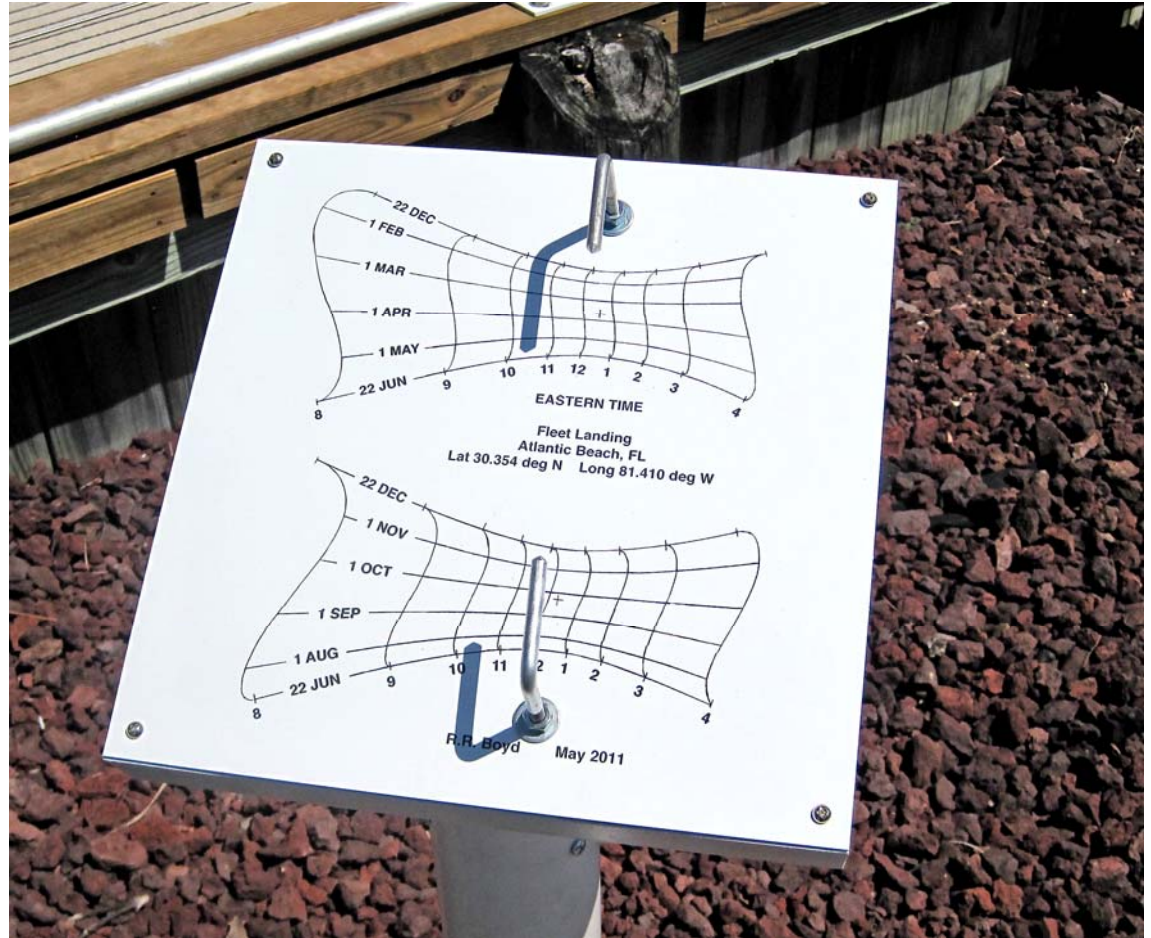
No standard gnomon

Dual sets of hour lines
for summer and winter

Analemmic hour lines
correct for EOT;
declination lines show
date

Longitude corrected

Face rotates about
polar axis for DST



Dial by Russell Boyd

INTERESTING NEW DIALS REGISTERED

Orosi Valley, Costa Rica, Horizontal Nodus Dial

First Costa Rica Dial
Registered

Ummm... Where is
Costa Rica?

21 cm granite sphere
nodus

Triple-row stones
mark noon hour

Central gray stones
mark equinox line

Ends of red hour
lines form curve of
solstice lines



Dial by Mark Jensen

INTERESTING NEW DIALS REGISTERED

Pocatello, Idaho, Vertical Dial

“Passage of Time” monumental vertical dial in pocket park in Pocatello

Dial split into morning and afternoon halves

Hour lines are slits in faces

Gnomon styles are top edges of standing stones

Gnomons extend through dial faces for extended hours and season

Sculpture represents Pocatello as “Gate City,” gateway to Snake River Plains



Dial by Peggy Gunnerson, Sculptor

See You Next Year !



Weather matters, too !