

Vol. 30 Nbr. 1

Wheelmen Tracks

January 2008

A little Science Lesson!

In astronomy, equinox can have two meanings:

The moment when the Sun is positioned directly over the Earth's equator and, by extension, the apparent position of the Sun at that moment - see below.

A moment in time at which the vernal point, celestial equator, and other such elements are taken to be used in the definition of a celestial coordinate system - see Equinox (celestial coordinates)

An equinox in astronomy is that moment in time (not a whole day) when the center of the Sun can be observed to be directly above the Earth's equator, occurring around March 20 and September 23 each year.

More technically, at an equinox, the Sun is at one of two opposite points on the celestial sphere where the celestial equator (i.e. declination 0) and ecliptic intersect. These points of intersection are called equinoctial points - the vernal point and the autumnal point. By extension, the term equinox may be used to denote an equinoctial point.

There is either an equinox (autumn and spring) or a solstice (summer and winter) on approximately the 21st day of the last month of every quarter of the calendar year. On a day which has an equinox, the center of the Sun will spend a nearly equal amount of time above and below the horizon at every location on Earth and night and day will be of nearly the same length. The word equinox derives from the Latin words *aequus* (equal) and *nox* (night).

In reality, the day is longer than the night at an equinox. Commonly the day is defined as the period that sunlight reaches the ground in the absence of local obstacles. From Earth, the Sun appears as a disc and not a single point of light; so, when the center of the Sun is below the horizon, the upper edge is visible. Furthermore, the atmosphere refracts light; so, even when the upper limb of the Sun is below the horizon, its rays reach over the horizon to the ground. In sunrise/sunset tables, the assumed semi-diameter (apparent radius) of the sun is 16 minutes of arc and the assumed refraction is 34 minutes of arc. Their combination means that when the upper limb of Sun is on the visible horizon its center is 50 minutes of arc below the geometric horizon, which is the intersection with the celestial sphere of a horizontal plane through the eye of the observer. These effects together make the day about 14 minutes longer than the night at the equator, and longer still at sites toward the poles. The real equality of day and night only happens at places far enough from the equator to have at least a seasonal difference in daylength of 7 minutes and occurs a few days towards the winter side of each equinox.

A **solstice** occurs twice a year, whenever Earth's axis tilts the most toward or away from the Sun, causing the Sun to be farthest north or south at noon. The name is derived from Latin

Continued on page 2



Minutes

Science

Continued from page 1

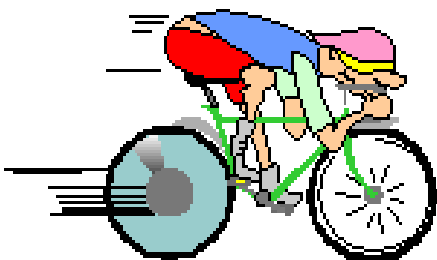
There were only two roller riders at the Depot on 12/13/07. The meeting took place at Old Town Pizza. The major topic of discussion was the 2008 club banquet. A motion was made by Peter Palawski to have the club pay the cost of member banquet attendance of \$30 per member/ \$60 per family (two persons) max. The motion was seconded and passed. Deb Moennich will be taking care of the banquet arrangements this year and is considering the Jackalope in Loran. Date for the banquet is tentative but looks like the second Saturday in April 2008.

Louise presented the final Red Flannel balance for the 2007 R/F.

Dan Maddock suggested that we list more of the officer's phone numbers for possible contact by prospective new members. Also, Dan mentioned that GOBA will be starting in Wellington for 2008 and that there is an attempt to have the largest bicycle parade at 5,000 + rides and we are invited to attend the parade attempt.


The next club meeting will be 1/10/08 with a roller ride at 6:30 pm and the meeting at Old Towne Pizza at 7:30 pm.

JWB



sol (sun) and sistere (to stand still), because at the solstice, the Sun stands still in declination, that is, its movement north or south is minimal. The term solstice can also be used in a wider sense as the date (day) that such a passage happens. The solstices, together with the equinoxes, are related to the seasons. In some languages they are considered to start or separate the seasons; in others they are considered to be center points (in English, in the Northern hemisphere, for example, the period around the June solstice is known as midsummer, and Midsummer's Day is 24 June, about three days after the solstice itself).

Source: Wikipedia, the free on-line encyclopedia.

<i>WHEELMAN</i>		LORAIN WHEELMEN
<hr/>		
President	John Bachman	
Vice Pres	Clyde Hohn	
Secretary/ Treasurer	Louise Page	
Road Capt.	Ron Cicerchi	
Editor	Dave Krebs	
For ride info, call 967-8580		

Astana Continued from page 5

that. Would he be willing to help us develop a tire, or a tubular? Was he into Trek clothing? Could we get the helmet category, which we could not. What components are they going to ride? Who are they talking to? What's happening there? And the reason why some of those questions were valid for us was we have relationships with all of those companies as well. A lot of those companies are vendors. We have a very good relationship with SRAM, we have a very good relationship with Shimano. Those were very much business-minded questions.”

Also not lost on Trek was Astana's decidedly negative image in the sport. The team had been hit with multiple doping infractions just this past season including the ejection of its star rider from the Tour de France, Alexandre Vinokourov, and the subsequently shameful following of the rest of the team. “What are you going to do with the team as far as image?” wondered Daubert and Trek. “How are you going to resurrect this program?” because it's no secret that Astana has been booted out of the Tour and other races over the last couple of years. What are you going to do to fix that? And so we asked pretty pointed questions, and Johan was able to outline a pretty good set of answers for us. We have a lot of faith in Johan. He's done some pretty good things for us, things that are very much behind the scenes that no one would know about or remember. He's helped us develop bikes, and there are a lot of reasons for us to work with Johan.”

The veil has now been lifted on the mysteries surrounding Astana's bike and equipment sponsorship, but we'll have to wait for the answers to those other burning questions. For the sake of everyone involved, hopefully



Cateye Totals

Rider	November	YTD
Maddock, Daniel	450	8,048
Cicerchi, Ron	343	6,863
Panek, Carl	0	5,642
Scheef, Mark	0	5,542
Ballard, Ralph	372	5,342
Paslawski, Peter	375	5,101
Hohn, Clyde	309	4,874
Maddock, Tina	0	4,556
Panek, Carol	0	3,739
Petro, Arthur	120	3,350
Krebs, Dave	107	2,942
Wood, Ed	419	2,904
Haun, Mike	0	2,760
Conklin, Dolores	0	2,279
Ivan Greive	0	1,781
Sloane, Lisa	0	1,741
Sloane, Ken	0	1,741
Conklin, Randy	0	1,580
Bachman, John W.	0	1,068
Deucher, David A.	34	863
Blake, Tracy	0	434
Moennich, Jim	0	319
Linneman, Ray	0	303
Linn, Ron	200	287
Moennich, Debbie	0	279
Deucher, Peter	0	272
Wilbur, Frank	0	201
Hubbard, Dennis	0	165
de la Porte, Herb	0	60
Pauley, Jr., Stephen G.	0	32
Heritage, Wayne	0	22
Totals	2,729	75,090

we'll all be satisfied with what we hear and we can get back to the business of racing.



Logs, Logs, logs

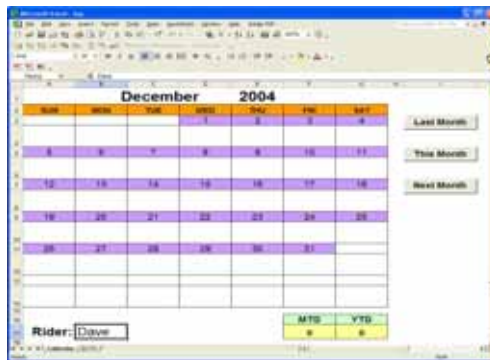
Well, it's that time again. It's time to turn in your final 2007 mileage and think about resetting or downloading new logs for 2008. Don't worry, I'm ahead of you. The Web site has all the revisions for 2008, starting with the PDF log. There's nothing new there except the DATE! You really don't have to do anything if you don't want to. But if you want to be politically correct, there's a new one with 2008 on it. This log is two per page and you just fill it in by hand, add it up and turn in your mileage. I know of one member who keeps 'em in a notebook.

The second log is a twelve page Excel Workbook. There's one page per month to record your mileage on a daily basis. It totals the month and adds the monthly total to the YTD total. You enter your name on the January page and it copies to all the months! You can turn in your mileage with this one by choosing File|Send To|e-mail recipient (send just the one page in the body of the e-mail, not the entire workbook as an attachment). This will work with Outlook Express, and Outlook 97 thru 2003 (NOT Outlook 2007). With Outlook 2007, I highlight the whole page and copy it. Then I open Outlook, start a new message to miles@lorainwheelmen.org and paste it into the body of the e-mail. It's an extra step, but still easy. If your e-mail client is set to send & receive **Text Only**, you'll have trouble with this. It won't work!

I've updated this version to include all the 2008 holidays and Wheelmen rides (and some Invitationals).

The last log is a perpetual log that Carl created out of the bones of the other Excel log. It uses macros to create a log that is viewed one month at a time. You can scroll back n forth thru the year, but the YTD total is ALWAYS as of TODAY. You can send in your mileage the same way as the other Excel log. Just remember to send it in BEFORE you enter any miles for the current month so the YTD total is OK. If you have already downloaded this log, there is no need to do it again. Just open your 2007 log, change the name and resave it to something like MyMiles2008.XLS. Now you have to clear the log and update the year.

To clear the log, click on **Tools / Macros**. A macro dialog box will open. Find **CearData** and click on it and choose **Run**. Now you have to get the year updated! Open the Macro Dialog Box again and click on **NextYear** and run that one. You're now ready to enter all those January miles you've been riding! If all this is just too much for you to swallow, and you still want to try this log, download the new one from the Web site, I've updated it to 2008.



If you have Office 2007, you won't even see the macro option. You have to go to **Excel Options** and put a check mark in the **Show Developer Tab in Ribbon** to run a macro. After that, click on the Developer Tab on the ribbon to view the macro options.

Remember, with this last log, you'll have to set your macro security to Medium, so you'll be asked each time you open a sheet with macros to enable 'em, otherwise, this log won't work.

Astana to ride Trek for 2008 season and beyond

After much anticipation, Trek Bicycle Corporation officially announced today that it has entered into a “multiple year” agreement with Johan Bruyneel’s Astana team. According to the arrangement, Trek will provide the Astana riders with Madone 6.9 framesets and a healthy selection from the company’s Bontrager parts bin, including wheels, tires, saddles, handlebars, stems, bar tape, cages, and bottles. “We have a relatively standard agreement with the team,” said Trek Road Brand Manager Scott Daubert. “We provide them with bikes; they provide us with race results and bike development and access to the riders. It’s very similar to what we had with Discovery and US Postal. It’s a partnership that helps us both.”

The 2008 Astana team is quickly shaping up to look like last year’s Discovery Channel team reborn with Bruyneel at the helm, several key Discovery riders moving over (including Levi Leipheimer and 2007 Tour de France winner Alberto Contador), and now the same bike sponsor. From an equipment standpoint, though, Astana will be more akin to a startup than a veteran team and can use little from Bruyneel’s Discovery stores.

Daubert would not reveal the actual number of bikes committed to the program yet, but the figure is undoubtedly substantial. “I don’t know if we have a final count because we’re waiting on a couple of riders that are either coming or going, and I think in addition to that we’re still sorting out what bikes are going to be considered home bikes, if there is anything that we can recover from the ’07 program, so I kind of have a general number.”

Assuming the usual allotment of home bikes, road race bikes, dedicated time trial machines, and spares, though, the number easily grows to well over one hundred and that doesn’t

even include the usual army of wheels and spare parts. In addition to the issue of team bike livery, the change from either Shimano Dura-Ace or Campagnolo Record to SRAM’s new Red group also means the instant obsolescence of a long history of componentry that may or may not still be in use by team members.

Trek’s announcement today won’t have come as a big surprise to many, but Daubert suggested that the sponsorship deal was anything but a sure thing in the early going. “There were two phases to the development here,” he continued. “The first one was before we had talked to Johan, before we knew there was going to be an opportunity with Johan. We talked about ‘Do we want to have a team?’, ‘Do we want to wait a little while?’, ‘How important is it to our dealers to have a program?’ We didn’t want to be with a second rate or Continental team at this juncture. We considered the ProTour, or that level of racing to be the only place that we really wanted to invest. So those were some of the discussions we had before Johan had come to us and as soon as Johan presented his idea and what his plans were we were instantly interested because we have had a very good relationship with Johan.”

Bruyneel’s initial presentation and his long association with Trek was clearly enough to get his foot back into the door, but there were still multiple issues to resolve, according to Daubert. “We had questions that came about after that, after we’d started talking details with him. Among those questions were, ‘Where are you going to race?’, ‘What do we do with equipment?’ There were other categories that we wanted to do, like we had never done tires with the team before. We wanted to try to do

Continued on page 3



Calendar

Date	Starting Point	Destination	Miles	The etc's
1/1/08	Amherst Medina	U-Show ABCDE...	25ish 24	A 9:00 AM ride A noon start on the square
01/06	Amherst	U-Show	25-30	It could be a cold one!
01/10	Nordson Depot Ole Towne	Prolog Meeting	6:30 7:30	15 bonus roller/trainer miles Well, pizza anyway!
01/13	Oberlin Inn	U-Show	25-30	Aren't 'ya glad you're riding your trainer?
01/20	Amherst	U-Show	25-30	Aren't 'ya glad for the 1:00 PM ride?
01/21	Amherst	U-Show	25-30	An MLK holiday ride
01/27	Oberlin Inn	U-Show	25-30	The January thaw?
02/03	Amherst	U-Show	25-30	I see spring coming!

New (Winter) Sunday Ride Times

There will be a second ride on Sundays! We'll have the customary **9:00 AM** ride from either Oberlin or Amherst followed by another ride **1:00 PM EST** starting from the **SAME** location. It'll be another U-Show ride in the 25-30 mile range.

Starting Times and Locations

Sunday ride times are 9:00AM & 1:00 PM, EST

Holiday ride times are 9:00 AM

Amherst:

The Amherst start is the City parking area 3 located between Tenney & Park Avenues just east of Church Street. From SR-58, go west on Park Avenue. When you get to the bowling alley, look to the left ... that's the lot! We meet on the south end near Tenney.

Oberlin:

The Oberlin start is in the Oberlin Inn parking lot located in the rear of the Inn.

Other ride starting times:

Saturday Morning rides will start from Oberlin (Prospect School) at 9:00 AM.

Lorain Wheelmen Membership Form

New Renewal

Name _____ Age _____ Other Family Members _____

Address _____ Age _____

City _____ ST _____ ZIP _____ Age _____

Phone () _____ Cell Ph () _____ e-mail _____

Dues (due March 1st) Schedule (1/2 after Oct 1st for **NEW** membership)

Adult/Family \$15.00
(includes CrankMail)

Return To:

Lorain Wheelmen
P.O. Box 102
Amherst OH 44001-0102

Waiver

In signing this release for myself or the named member (when the member is under 18), I understand the intent of this release and agree to absolve all of the sponsors, or organizers and associated entities be they individuals or organizations, singly and collectively of all blame for any injury, misadventure, harm, loss or inconvenience suffered as a result of taking part in any Lorain Wheelmen Bicycle Club ride or in connection with any activity associated with or related to said organization. If the member is 18 or over, he/she signs for self. If not, then the parent or legal guardian must sign below.

Date _____
Signature of member or parent/guardian _____