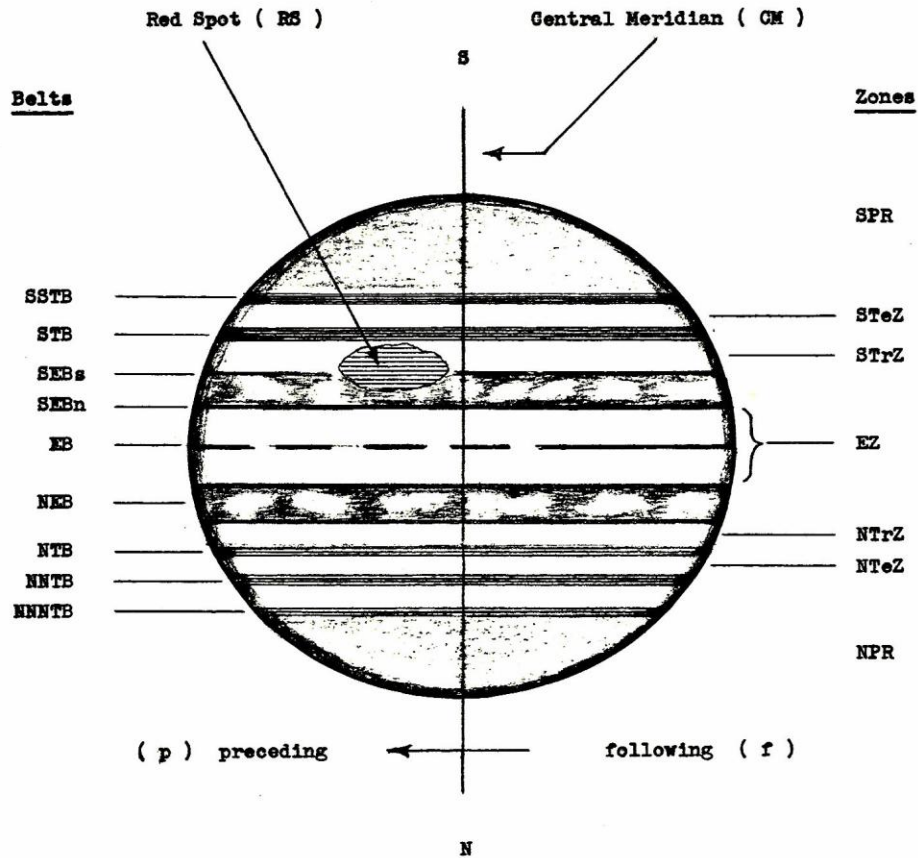


the WASP

THE MONTHLY JOURNAL OF THE WARREN ASTRONOMICAL SOCIETY



B : Belt or Band
 E : Equatorial
 N : North
 S : South

PR : Polar Region
 T, Te : Temperate
 Tr : Tropical
 Z : Zone

JUPITER'S BELTS AND ZONES

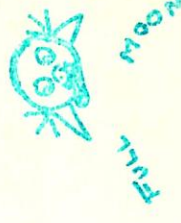
August 1974

Warren
Astronomical Society

AUGUST
1974

Sky
Calendar

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31



1 Messier Club
8:00 p.m.
791-8752

8 Astro Photo. Meeting
8:00 p.m.
776-9720

14 National Conference of the Astronomical League

15 Photos: Gibson & Kalamayor Astronomical Society

18 Field Trip to G.R.A.A. Observatory

23 W.A.S. Camp Out Bald Mountain

25 D First Quarter

26 BRING your SCOPE

NO Warren Astronomical Society meetings next month

FINAL NOTICE

07-18-74

OFFICE OF AMATEUR ASTRONOMICAL AFFAIRS

FINAL PUBLIC NOTICE IS HEREBY GIVEN THAT THE ORGANIZATION KNOWN AS "THE WARREN ASTRONOMICAL SOCIETY" WILL HOST THE 1974 NATIONAL CONVENTION OF THE ASTRONOMICAL LEAGUE AT HOLMES HALL ON THE CAMPUS OF MICHIGAN STATE UNIVERSITY AT EAST LANSING, MICHIGAN, AUGUST 14 - 18, 1974.

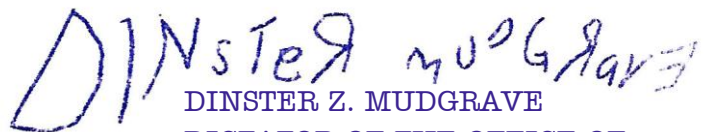
SAID CONVENTION WILL CONSIST OF AND INCLUDE: MANY INTERESTING AMATEUR PAPERS; A "NIGHT AT BIG JACKS" ; A TELESCOPE FAIR; FIELD TRIPS TO ABRAMS PLANETARIUM; THE MSU OBSERVATORY; AND THE U OF M OPTICAL AND RADIO OBSERVATORIES AT PORTAGE LAKE; WILMA CHERUP; A BANQUET; BOB RIGHT; A DOAA SLIDE SHOW; CHARLEY JOHNSON; AND MANY MORE HITS TOO NUMEROUS TO MENTION.

REGISTRATION FORMS AND FURTHER INFORMATION MAY BE OBTAINED FROM THE GREAT LAKES REGIONAL TREASURER: MR. LARRY F. KALINOWSKI 15674 FLANAGAN, ROSEVILLE, MICHIGAN 48066, 776-97200

THE ABOVE MENTIONED CONVENTION HAS BEEN APPROVED AND CERTIFIED BY ALL OF THE FOLLOWING: THE ASPCA, THE ALCOHOLICS ANONYMOUS GROUP OF THE DOAA, DICKER AND DICKER OF BEVERLY HILLS, THE ROYAL CANADIAN MOUNTED POLICE, THE RAY CENTER THURSDAY AFTERNOON DISCUSSION GROUP AND EVERY-OTHER-SUNDAY-BRIDGE-CLUB, THE BLOOM SHOTGUN CLUB, FAITUS ENTERPRISES INCORPORATED AND THEIR SUBSIDIARY-GENERAL MOTORS, THE ERIC SCHREUR ADVERTISING AND PUBLICITY AGENCY, THE STAFF OF "THE PARABOLA", AND THE STAFF OF "THE UNDERGROUND OBSERVER".

ONE ROGER CIVIC ESQ. BELIEVES THIS CONVENTION TO BE SO GOOD THAT HE MIGHT EVEN SHOW UP FOR IT!

SIGNED,

A handwritten signature in dark ink, written in a cursive style. The name 'DINSTER Z. MUDGRAVE' is clearly legible, though the letters are somewhat slanted and connected. The signature is positioned above the printed name.

DINSTER Z. MUDGRAVE
DICTATOR OF THE OFFICE OF
AMATEUR ASTRONOMICAL AFFAIRS

Observing Site Report No. 2

by

Kenneth Wilson

One June 26th, I decided to examine the night skies of an observing site recommended to me by Dennis Jozwik. The site is a small state park located on US 25 north of Richmondville. Some state maps list it as Sanilac state Park; some don't even list it. The park consists of a boat landing on Lake Huron and a twenty space camping area. The park is marked by a small, easily passed, sign on the right side of US 25.

This park is ideal for amateur deep sky observations or photography. Other than the boat landing and the campsite, there is nothing in the park to attract the general public with their bright headlights and bright smoky campfires. The state maps that show this park all denote it as being without campsites. Therefore most campers traveling along US 25 will be attracted to the numerous private campgrounds to the south. And, since there are very few nighttime boaters, the boat launch parking lot affords a level secluded place for an uninterrupted night's work.

The skies are fantastic. There was no evidence of any sky glow from either Detroit or Port Huron. Sixth magnitude stars were easily visible naked eye despite the first quarter moon and an active aurora. Unlike Warren or Camp Rotary skies, the area in the south near Scorpius and Sagittarius was black to the horizon.

An important fringe benefit of this site is its complete lack of pesky mosquitoes. I did not use an ounce of OFF during the entire evening. I didn't even hear a mosquito, much less be bitten by one.

If you are not completely exhausted by one of the best nights of observing you've ever spent, you can view a spectacular sunrise over Lake Huron just a few steps away.

All in all, this is the best dark sky site that I've seen to date and it's only a two hour drive from Detroit's northern suburbs over un-crowded 55 MPH highways.

ASTRO-ALMANAC

By

Kenneth Wilson

AUG. /

EVENT

- 1 Mercury at ascending node.
2 Mercury 7° S. of Pollux at 1:00, Lunar apogee (252,500 mi.) at 20:00, Full Moon at 22:57.
3
4
5
6 Mercury at perihelion, Juno 0.9° N. of Moon Occ'n at 2:00, Moon 7° N. of Jupiter at 5:00.
7 Venus at ascending node
8 Twilight begins: 3:17-ends: 20:51 L.M.T.
9 Venus 7° S. of Pollux at 21:00.
10 Last Quarter Moon at 10:38.
11
12 Maximum of Perseid meteor shower at 12:00.
13
14 Moon 1.8° S. of Saturn at 22:00
15 Mercury at 092916 42, Venus at 080920 28 (mag. -3.3), Mars at 105408 08, Jupiter at 230906 58 (mag. -2.4), Saturn at 070022 11 (mag.+0.4), Uranus at 13200859, Neptune at 162119 53, ~~W.A.S. General Meeting at 8:00 p.m. E.D.T.~~
16 Mercury at great. hel. lat. N. Moon 4° S. of Venus at 4:00.
17 Lunar Perigee at 2:00 (222,200 mi.), Mercury at superior conjunction at 5:00, New Moon at 14:02.
18 Twilight begins: 3:32-ends: 20:33 L.M.T.
19 Moon 7° S. of Mars at 1:00, Neptune stationary at 6:00.
20
21 Moon 5° S. of Uranus at 19:00.
22
23
24 First Quarter Moon at 10:38, Moon 2° S. of Neptune at 22:00.
25
26
27
28 Twilight begins: 3:03-ends: 22:07 L.M.T.
29 Occ'n of SAO 79100 by Saturn and rings at 2:25.
30 Lunar apogee (252,270 mi.) at 0:00.
31 Ceres at opposition at 19:00.

NOTE: All times, unless otherwise noted, are in 24-hour Eastern Standard Time (EST).