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OBSERVING SESSIONS

David H. Levy

Sessions begin on July 12, 1966.

Sessions begin with 15345



SYMBOLS...

Weather Conditions.

- 0 Rain or other precipitation.
- 1 Cloudy
- 2 Mainly Cloudy
- 3 partly cloudy
- 4 very hazy
- 5 hazy
- 6 slightly hazy
- 7 clear
- 8 quite clear
- 9 very clear
- 10 better than very clear - near perfect.

F - favorable

UNF - unfavourable

Objects. (etc.)

- A Aurora
- ☉ Sun
- ☿ Mercury
- ♀ Venus
- ☾ Moon
- ♂ Mars
- ♃ Jupiter
- ♄ Saturn
- ♅ Uranus
- ♆ Neptune
- ♇ Pluto.
- M- object in Messier's Catalogue.

SYMBOLS...

INSTRUMENTS.

- Pegasus my 8" reflector, $f = 55\frac{5}{8}"$.
Surrey 4 $\frac{1}{4}"$ reflector, $f = 40"$.
Echo my 3 $\frac{1}{2}"$ reflector.
Flouette my 6x30 monocular with Altazimuth mount.
Discover my 2 $\frac{1}{2}"$ reflector.
Ranger my 1" refractor, 5 power.
Cosmos 6" refractor at RASC (Mtl.)
Little Joe my 6" RFT Reflector $f = 23"$.
(Macswatch) 4" RFT Refractor, Tucson, Arizona.

FURTHER COMMENTS

- p power.
b, binocs. binoculars.
r/- reflector.
rr refractor.
NE naked eye

SPECIAL SESSIONS.

- (red ink) * a special session.
(red ink) @ a very special session.

** between "r" and "⊗" in importance.

SYMBOLS...

PROJECTS.

- CPI Comet and Nova Search (areas, Dome, etc.)
Aurora-I Aurora check.
CN-III Comet Hunt with Telescope.
VS-- Variable Star Observing.
for rest, see "SUMMARY OF PROJECTS" folder.

MISCELLANEOUS

app approximately, about, ...

PLACES

- 818 818 Upper Belmont Avenue, Mtth.
ASC Adirondack Science Camp, Lewis, N.Y.

PLAN for recording sessions...

Session Number Date, ¹day / Times ² / Weather - For ³unf / place ⁴ /
Instruments ⁵ / People (besides me) ⁶ / Observations ⁷
and comments.

TYPES of sessions...

(maximum times)

S	when Sun is in sky - daytime.	Sunrise to Sunset.
E	evening	Sunset to midnight.
M	morning.	Midnight to sunrise
AN	All night.	Sunset to Sunrise.

P (following a session type) indicates a session lasting 10 minutes or less. (petit).

FURTHER COMMENTS...

1. Times are written on the 24-hour system, 0 hrs. at midnight.
2. f, unf - general observing conditions reference — sky, temperature, mosquitoes, etc, but mainly to work accomplished.

E.D.T. July, 1966, concluded.

07 66

15345 July 12/13, Tuesday / 1900-1930 / partly cloudy - unfl /
ASC / Pegasus - 55.6p / Andy Bauman / waited for \odot
to peep out from behind clouds; no luck.

*1535E12 2145-0200 / 6+10 to 6-3+6 / ASC / Pegasus,
55.6p; 8x30 binocs. / Greg Wandel, David
Sprentall, Jacques Keene, Ronald Wainrib,
Bill Robertson, Fred Pritz, Stephen Levy, Ken
Rivlin / M-92, M-13, M-10, M-12; 2 satellites; CN-III,
CN-I, Aurora-I; V.S. - 18. Neptune - for first time ^{with} _{leg.}
"laurel" of Neptune - III. Greenish color noticed but no disk.

15369 July 13/14, Wednesday / 12:320-1350 / partly cloudy - fl /
ASC / Pegasus, 55.6x, 235.5x, Solar Classes /
Sunspot-II (O, RE; 2 spots).

*1537AN2 2200-0400 / 6+10 to 6-3-2-6 / ASC / Pegasus, 55.6p,
86.7p; Surveyor, 57p, 40p; binoculars / David Sprentall,
Jeff Graubart, Alan Bernstein, Paul Schick, Jacques
Keene, Geoff Yokum, Bill Robertson, Andy Bauman,
Steve Aske, Greg Wandel, Prof. Howard, Ronald
Wainrib, Ken Rivlin / Neptune, Alberic, Mizar &
Alcor. M-51, M-31, M-49 (new!), M-102 (new!);
M-97, M-94, M-57, NGC-869-884. NGC 869,
NGC 884, NGC 5676, CN-I, CN-III, V.S. -
19 (new variable - R Urae Majoris). D.S. - 11

EDT

(5 doubles); MF-84.

1538S ^{Thursday} July 14/15, 1300-1340 / mainly clear - / / ASC /
Solar Glasses - Pegasus, 55.6x, 235.5x /
- / CN-I, Sunspot-II.

1359AN2 2220-0425 / mainly 10 - / / ASC / Pegasus,
*1539AN2 55.6x etc; Binocs / Steve Ashe, Andy Bauman,
Alex Scheeline, Jacques Keene, Paul Schick /
Artificial Satellite, New Messiers: 98,
99, 100. Old Messiers: 101 (big fat), 92.
CN-I, Aurora-I (weak glow!), CN-III (2
new catalogue members: NGC 6229, M-63.
V.S-20 (6 variables).

1540S July 15/16, Friday / 1900-1945 / clear - / /
ASC / Solar Glasses; Pegasus, 55.6x^{235x} / Fred Bashaw,
Bill Rutherford / CN-I, Sunspot-II (NE-1?; 1 tel).

*1541EM2 July 15/16 / 2155 - ~~2220~~⁰¹³⁵ / 10, 9, 6, 3 - F / ASC /
Pegasus, 55.6x, binocs / Ronald Wainrib, Andy
Bauman / New Messiers: 89, 90, 86, 84, 88, 85, ~~86~~
Old Messiers: 31, 32, 13, 60, 59, 58, 53. CN-I,
CN-III, V.S.-20, MF-86, Aurora-I.

15425A 1045-1125 / mainly clear - / / ASC / Pegasus,
55.6x!, 235.5x, Solar glasses / Andy Bauman /

EDT

07 66

CN-I, Sunspot-II (2 spots tel)

1543 AN July 16/17, Saturday / 2140-0345 / ~~mainly~~ 10-f / ASC /
 Pegasus, 55.6x, ~~binoc~~ / binoc / Alex, Scheelina,
 Bill George, Jacques Keene, Michael Sternlieb,
 David Sprentall, Gary Merel, David Shapiro,
 Ronald Wainrib, Jeff Craubart, Geoff Yokum,
 Ralph Knopf, Alan Bernstein, Steve Ashe, Andy
 Bauman / New Messier: 61. Artif. Satellite.
 CN-I, CN-III, V.S-22, MF-87, Aurora-I.

1544 M³ (should be after 1541 EM2) - 0215-0220 / pazy-f / ASC /
 - / - / Art. Sat., Aurora-I. (July 15/16)

†
 1545 M² (July 16/17) / 0408-0410 / ~~clear~~ partly cloudy -
 f / ASC / - / - / CN-I.

1546 S July 17/18, 1966, Sunday / ~~1950~~ 1540-1555 / clear-f /
 ASC / 2" refractor (tankscope), 30p / Solar Glasses /
 Sunspot-II (1 spot tel, 1 NE).

1547 EM² 2155-0030 / 9-6 f / ASC / Pegasus, 55.6x;
 Surveyor, 57x, 40x; 2" tankscope + binoc / CN-I,
 Aurora-I, V.S. - 23, CN-III. / ^{Stephen Levy} Alex Scheelina
^{Ken Robinson} J. Keene
^{David Sprentall} Fred Britz
 Jeff Craubart, R. Wainrib, G. Wendel, S. Ashe, Alvin Bernstein.

1548 EM July 18/19, Monday / 22:00-0055 / 8-9, 9, 6 f / ASC /
 Pegasus, 55.6x, 2" refractor 25mm. Unitron + binoc /

EDT

Alex Scheeline, David Sprentall, Ken Robinson,
Alan Bernstein, Bill Robertson, Fred Pritz, Jeff
Craubart. / CN-I, Aurora-I, V.S.-24.

1549M2

0155-0255/9-6-3-~~f~~/AASC/Pegasus,
55.6pl-/CN-III, CN-I, Aurora-I.

19/20 cloudy

1550S

July 20/21 - 19-20/21, /1700-1715/~~main~~ partly
cloudy - /AASC/ - Solar Glasses / Ken Robinson,
Alex Scheeline, Andy Klapper, Rabat Halder, Mrs.
A. ~~Harris~~ Harrison / Sunspot-II.

* 1551BAN

2/50-0400/~~also~~ * 10 other (note in session)
6-~~f~~/AASC/Alex Scheeline, Steve Ashe, Ken
Robinson, Stephen Levy, Alan Bernstein, Michael
Sternlieb / CN-I, V.S.-25, Aurora-I (+),
CN-III. Biggest display since July 8/9.

1552E

July 21/22/Thursday / 3-21-6 / 2 AASC / 8x 306 / 3p
Jeff Craubart, Alan Bernstein (North); Fred Pritz,
Andy Bauman (South); Steve Ashe, Stan
Pouchotin (East); Greg Wandell, Steven Bloom
(West), Delta Aquarid Meteor Watch # / (Aurora-I,
(40 meters). (Jacques Keene, Bill Robertson,
substituted).

1553S

11:20-11:55 / partly cloudy - / AASC /
Pegasus, 55.6x, 235.5x / CN-I, Sunspot

EDT

07 66

II (a number of spots; 1? NE!!).

1554 AM July 22/23, Friday / 2145-0405 / 10, 9, 8, 7, 6-3; 6-2-1 /
 ASC / 8x30b / North: David Spennell, Jeff Graubart,
 Alan Bernstein. South: Fred Pritz, Andy Bauman,
 Andy Klapper. East: Steve Ashe, Marty Shugar,
 Gary Merel. West: Stephen Bloom, Greg Waindel,
 Mike Sternlieb, ~~Delta~~ Others: Alan Marmor, Fred
 Barshaw, / Delta Aquarid Meteor Watch: 695 meteors
 seen. CN-I, Aurora-I.

1555 M July 23/24, Saturday / 0215-0240 / ~~cl~~ partly cloudy -
 / ASC / 8x30b / Jacques Keene / CN-I, general
 constellation observations. VS-26.

1556 S July 24/25, Sunday / 1335-1430 / ~~cl~~ 6-1 / ASC /
 Pegasus, 55.6x / ~~7~~ Pebat Halder, Andy Bauman,
 Alex Scheeline / Sunspot-II, (O-NE, 11 tel). CN-I.

~~1557~~ 24/25 - cloudy

1557 S ~~Jul~~ 0950-1030 / ~~cl~~ hazy - / ASC / Pegasus,
 55.6x, Solar Glasses / Andy Bauman / Sunspot-II
 (7 spots, 1 NE); CN-I.

1558 E July 25/26, Monday / ~~2150-2245~~ 2145-2200 / ~~cl~~ 5-2-
 wmf / ASC / Ronald Wainrib, Jacques Keene, Joe Belmont

EDT

Alex Scheelime, Ken Robinson, Stephen Levy, Alan Friedlander, Alan Kornblatt, Fred Robin, Rebat Halder, Geoffrey Yokum, Steve Crane, / Delta Aquarid watch postponed due to ^{poor} weather conditions.

15595 July 26/27, Tuesday / 1355-1505 / clear (mainly) / ASC / Pegasus, 55, 6p, 235, 5p; Surveyor, 57pt 2 "Uniron" / Rebat Halder, Andy Bauman, Alex Scheelime, Michael Sternlieb, Fred Pritz, Greg Wardel. / CN-I, Sunspot-II (Zspots, 4 groups). ONE.

15602 1740-1745 / p 3-f / ASC / Solar Glasses / Sun. Ospots.

* 1561 AD3 July 26/27, Tuesday / 2145-0440 / 3, 3-10, 10-f / ASC / 8x30b; Pegasus, 55.6xy eta; Surveyor; 2 "Uniron" / Ronald Wainrib, Jacques Keane, Joe Palumbo, Steve Park (N); Alex Scheelime, Ken Robinson, Stephen Levy (S); Alan Friedlander, Alan Friedlander, Alan Kornblatt, Fred Robin (E); Rebat Halder, Geoffrey Yokum, Steve Crane (W); Fred Rosehaw observed on his own; N for last 10 minutes; Steve Ashe, Andy Bauman, David Sprenzell, Jeff Graubart, Fred Pritz, Ernie Coons & others / Delta Aquarid Meteor Watch - 782 meteors

EDT

07 66

wasen. Highly successful night. CN-I,
Aurora-I, V.S.-27.

15629 July 27/28, Wednesday / 1255-1450 / ~~a~~ mainly
dear-f / ASC / Pegasus, 55.6x; ^{235.5x} 4" Dymoscope; Solar
Glasses / CN-I, Sunspot-II (9 spots; 4 groups;
1? NE; 4 ~~ditto~~ detail drawings.

27/28 - cloudy
28/29 - cloudy

15639 July 29/30, Friday / 1705-1715 / ~~cb~~ ~~pa~~ 3-2-f /
ASC / Surveyor, 40p, Naked eye Solar Glasses /
Mike Sternlieb / CN-I, Sunspot-II (7 spots, 1? -
NE).

1564E2 2200-2300 / B-2-f / ASC / 8x30 b /
Fred Pritz, R. Wamrib, Mike Sternlieb / CN-I,
~~CN-III~~, V.S.-28. Aurora-I, D.S. 12.

15655 July 30/31, Saturday / 1300-1455 / ~~cb~~ mainly 9-f / ASC /
Pegasus, 55.6x, 235.5x, 3" Unitron, Solar Glasses /
~~CN-I~~ M. Sternlieb, F. Pritz, R. & B. Robertson,
R. Halber, G. & J. Graubart, J. & D. Sprentall /
CN-I, Sunspot-II.

NEW PLANETS: 21
LUNA R: 1
MESSIERS (NEW) 15
SUNSPOTS: 47
+21

CN-I - 157
CN-III - 12
+10

Variables: 9/
Doubles: 3/
Satellites: 11

EDT

Aurora-I - 334

1566 ~~EM2~~

2215-0140/clear-f / ASC/Pegasus,
55.6x, 86.7x; Binocs / Michael Sternlieb,
Fred Prutz, Steve Ashe, Jeff Graubart /
CN-I, V.S. - 29 (new variable - R Lyrae),
Aurora-I, D.S. 13, 14. ~~M-53~~ M-52.

1567B

July 31/32, Sunday / 1710-1755/clear-f /
ASC/Pegasus, 55.6x / Solar Glasses / CN-I,
Sunspot-II (9 spots).

~~1568EM~~

1568M (after 1565) / ~~July~~ July 30-31 / 0300⁰²⁵⁵-0310/clear
clear-f / ASC / Surveyor, to 40x / - / CN-III

1569

1569EM2 July 31/32 / 2200-0200/clear-f / ASC/Pegasus, 55.6x,
86.7x, 235.5x, 353.2x / Binocs / Mike Sternlieb
Jeff Graubart, Steve Ashe, Andy Bauman /
CN-I, V.S. - 30, D.S. 15 and 16, Aurora-I.

1570MB

0240-0255/clear-f / ASC / - / Diphda.

SUMMARY

Sessions: **67** (Overnights devoted to observing: 8)

Observations: (all individual observations in all fields, ~~not including~~
counting light CN III = 1 observation; 1 catalogue object for
CN III = 1 observation) (not including ^{except satellites} observations for projects
not listed in Project Summary). (see top of page).

731 ~~to~~

AUGUST 1966

0938 1020 1030

EDT.

1570S August 1, Monday / 0950-0945 / clear - / IASC /
Pegasus, 55.6x, Sol. Glasses / CN-I, ~~Amateur~~
Sunspot-II, / M. Sternlieb, A. Bauman /.

Aug. 1/2 - cloudy
Aug. 2/3 - cloudy.

15725P August 3/4, 1966, Wednesday / 1530-1540 / eb 2-F / IASC /
Solar Glasses, Pegasus / Steve Ashe / ~~at~~ Sunspot-
II (O-NE - retel. reading). Test session for Pegasus.

1573E 2140-2330 / ~~8-8~~ / HA 9-8 / IASC /
Pegasus, 55.6x / Fred Pritz, Andy Bauman, Steve
Ashe, Tony Lantz, Mike Sternlieb, Jeff Jeff
Graubart / CN-I, CN-III, ~~Amateur~~ VS 31.

1574MP2 0105-0115 / clear - / IASC / - / - / Echo I (~~0105~~)
(010955).

Aug 4/5, 1966 - cloudy

1575S August 4/5 - (5), 1010-1030 / Clear - / IASC /
Surveyor, 55.6 40x, solar Glasses / - / CN-I,
Sunspot-II.

1576EM August 5/6 / 2205-0130 / 10-9-8-7 - / IASC /
Pegasus, 55.6x; 86.7x - 8.30 binoc / Jim Camp
Joe Lastrab, "Buzzy" Berg / CN-I, V. 9, - 31. ~~CN-III~~

EDT

1577E August 6/7, Saturday / 2145-0000/clear (mainly)
 / MASC/Surveyor, 40x, Ex 30b/-/CN-I⁹, VS-3²,
 CN-III. / ~~g~~

1578E-1 August 7/8 Sunday / 2145-2200/clear of hg-f
 / A Oak Park near Outremont H.S. / 8.30b/C. Jorgensen/
 V. S. 33.

As of August 8/9, 1966

Observing Sessions: 1578.

1578.

Observations (PF) = ~~12~~ 13

(3) 43

(h) 10

(Venus)(Mars) 3

Sunset ?

Luna II - 1

Lunar Draw! 2

Messier: 100

Region Drawings: 6 (a RD19 →)

not sure when I observed when just acted as recorder. Meteors: - ~~not~~ not counted.

Milky Way 4

Occultations 7

Sunspots: 387

CN-I 945

CN-III 36 (23+13)

CN-II 2

Aurora-I-1090

V.S. 1-32 inc. 204

EDT

08 66

Constellations:	13, recorded as to exact date
Satellites	49
Douglas Stars:	45
other:	?

TOTAL: OVER 2970 observations.

8/9 - cloudy.

As far as my records show, I have made about 2970 observations. I will use this value as an official quantity for future calculations. In future, each session number will be enlarged by a figure indicating the number of observations made in that session. E. G. 1578E-1. (1 observation was made). I am not interested in keeping a constant to "on-hand" total of observations. I simply want to know how many observations were made in a session.

1579G-2 August 8/9, Monday (9) / 0920-0950 / very hazy, 3
- / 1818 / Pegasus, 55.6x, solar glasses / - / Sunspot
- II.

~~Aug 8/10 - cloudy, 50% light~~ ~~Aug 9/10 - cloudy~~

1580E-5 Aug 10/11 - 2300-2330 / # 6; 2- / 1818 / Pegasus, 55.6
x, 8x 306 / CN-I, Aurora-F, VS-34, CN-III,
CN-IV.

EDT

August 11/12, Thurs - cloudy

1581 S-3 August 12/13, Friday / 1455-1530 / 3-2, / (818) /
Solar Glasses - Pegasus, 55.6x / CN-I, Sunspot
- II (O, NE; - 6 Ed)

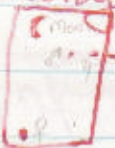
1582 AN2-28 (12/13) 2145-0420 / ~~ch~~ 2-4, then 3, then 10: //
near St Marguerite, Quebec / North: Si Brown,
Boyd Ramsay, Mr Warren. South: Carl Jorgensen,
Arno Schmidt; Mr. L. Duchow. West:
Mr Robertson, Mr. Good, Leo Nikkimen. East:
David Levy, Mr. Cullinan, Mr. Guttinger.
Time + Record Desk: Mrs Gutting, Duncan
Forbes, Miss Williamsop. / 3" refractor, Jr
30b / O & Perseid Meteor Watch: 906 seen.
CN-I, Aurora-I, V. S. -35. Art. Sat.

1583 M3-1 0430 - 0500 / 7-f / car on way to
Mtl. from St Marguerite (open window) / - /
C. Jorgensen + others / CN-I.

1584 S-3 August, 13/14, Saturday / 1330-1350 / 3-F / 818 /
Peg, 55.6x, Solar Glasses / CN-I, Sunspot-II.

1585 E2-1 2103-2105 / 8-F / 818 / - / - / CN-I.

EDT

*1586AN3-43. (13/14) 2120-0515/7-8; /1818/ Pegasus, 55.6x, 86.7x, 235.5x; 8x30 binoculars / Richard / CN-I, CN-III, CN-IV (first observation of Comet Kiltston - noticed motion inside 30 minutes + 1h 10 minutes. This is the ^{1st} first observation of a telescopic comet.)
Aurora-I, V.S. 36. To close off, a beautiful conglomeration of planets was visible in the East -
 Mars + Jupiter not quite in same field in low power.
Artificial Satellites.

1587B-3. August 13/14/15, Sunday /1330-1415/ ~~class~~ 6 - /1818/ Pegasus, 55.6x; Solar Glasses / CN-I, ~~Aurora I~~ Sunspot-II.

*1588AN2- (14/15) 2115-0435/7-8; 8-9- /1818/ 3" reflector, 56p; 8 Pegasus, 55.6p, 86.7p; 8x30b / Carl Jorgensen, Mother, Mr Bronfman / CN-I (new area searched: 40); CN-III; CN-IV (accurate position; fairly accurate mag. obtained) Aurora-I; Artificial Satellites. (7 Echo passages)
Mizar + Alcor. M-71, 33. V.S. 37

15/16, Monday - cloudy

16/17, Tuesday, cloudy

Aug

EDT

1589S-2 Aug 17/18 - Wed / 1900-1915 / ~~clear~~⁶ - / 1818 /
8x30b; Solar Glasses / - / Sunspot - II

1590S-1 1930-1935 / clear 6 - / Oratory / - / - /
CN-I.

*1591AN-4B (17/18) 12200-0500 / 6, 7 - / 1818 / Pegasus,
55.6x, ?86.7x + 3" reflector, 56x; 8x30 binocs, moun-
ted / Carl Jorgensen / Echo-I, Echo-II / CN-I; (2
new stars - 369, 16); CN-IV; CN-III; Aurora-I; V.S. 38.

1592MS-4 0545-0615 / Westmount Summit / 6 - /
- / - / CN-I.

1593S-3 August 18/19, Thursday / 1225-1300 / clear - / 1818 /
Pegasus, 55.6x + Solar Glasses / CN-I, Sunspot-
II. (A bee was rested on the eyepiece tube for a few minutes (!).
18/19 - cloudy

1594S-2 1075-1035 / clear - / 1818 / P / - / CN-I, Sunspot
II.

1595EM-23 August 19/20, Friday / 2145-0200 / 8 - / 1818 / Pegasus
- 55.6x / 8.30b / Si Brown / CN-I, CN-III, CN-II,
Aurora-I; V.S. 39. Echo I, Pegasus.

1596S-3 August 20/21, Saturday / 1650-1705 / 7 + 3 - / 1818
near Montgomery Centre, Vt. / Pegasus, 55.6x
8x30 binocs / Duncan Forbes, Si Brown, Ken

Melville, others / Sunspot-II, CN-I,

**1597EM2-38

(20/21)

12035-0300/3; 10; 6; 5; 4-1/1

Arthur Anderson Residence, near Montgomery Center, Vt. / Pegasus, 55.6x; 6" reflector, 4" reflector, 4" reflector (yes - 2 of them); 3" reflector (unused); Moonwatcher apogee scope (belonging to Walter Scott Houston); another scope; large finder for an 8" reflector (minus 8" reflector); 8x30 binocs; other pairs of binocs; cameras. / Mr. and Mrs. Sydney Sundell (hosts); Constantine Papacostas; Boyd Ramsay; Ken Melville; Si Brown; Mr. + Mrs. Dumas; Duncan Forbes; Margaret Houston; Walter Scott Houston. / CN-I, CN-III, CN-II; Aurora-I, V.S.-40. Gergenschein seen for the first time. Barnard's Nebula seen (pointed out by Mr. Houston). Re the Gergenschein: Mr. Houston indicated its approximate position. He said he wasn't sure if he saw it or not. I thought I might ~~see~~ have ~~seen~~ seen something. He asked me to point out the centre of the ~~object~~ glow I thought I saw, with a flashlight beam. I ~~pointed~~ My glow coincided with his exactly. An hour later it was on the meridian and a bit brighter. It was a highly successful session. ?Auroral Glow in North west. NGC-205 - first time.

EOT

21/22 - Sunday - cloudy

22/23 - Monday - cloudy

1598S-2 Aug 23 - Tues / 1700-1720 / $\times 4-3-f$ / 818 /
Solar Glasses, Pg 55.6x / - / ~~CA~~ Sunspot - II

1599E2-1 (23/24) / 2100-2105 / 3-f / Oratory / - / - /
CN-I.

1600ABZ-40 (23/24) / 2130-0430 / 3-6; 7, 8-f / 818 /
Pegasus, 55.6x; 8x30 binocs / - / CN-I, CN-III
CN-IV; CN-VI (Barbican - no luck); Aurora - I.V.S.41.

1601E-14 August 24/25, Wed. / 2200-2300 / 3-6, / 818 / Pegasus
55.6x; 86.7x; ^{235px} 8x30 binocs / CN-I, ~~CA III~~,
CN-IV; VS-42.

1602M2-2 0000-0115 / 6-7; 3 / 818 / Pegasus
55.6x; 86.7x; binocs / VS 42 (cont). New Variable;
T Arvae Majoris.
25/26 - cloudy

1603E-1 August 26/27, Friday / 2115-2115-2120 / 3-f / 818 /
8x30 binocs / - / CN-I. (CN-V started tonight).

1604S-3 August 27/28, Saturday / 1650-1720 / 6-3-f / 818 /
Pegasus, 55.6x; 235.5x / CN-IV; Sunspot - II

E.D.T.

1605E2-1 1940-1950/clear-F/St. Joseph's Oratory/-/-/
Sweet; CN-V.

1606EM3-3 2350-0225/7-f/1818/Pegasus-55.6x; 86.7x -
3" reflector, 55.6 56x/ 8x 30b/ Carl Jorgensen, Clipper/
Aurora-I; D.S.-18; CN-IV.

1607M4-13 0145-0215/7-f/1818/8x30b/-/ CN-I, CN-V;
V.S.-43.

1608M5-4 0230-⁰⁶⁰⁰0530/clear-f/1818/Pegasus, 55.6x, 86.7x/
-/ CN-III; CN-V; CN-VI; Aurora-I.

1609S-4 Aug 28/29; Sunday/¹⁵⁰⁵⁻¹⁶⁰⁰~~0305-0400~~/clear-f/1818/Pegasus,
55.6x, 235.5x/ solar glasses/-/ CN-V, Sunspot-II. (1 NE)

1610EM2-31 (28/29) 2300-⁰⁶⁰⁰~~0530~~/7, 8-f/1818/Pegasus-55.6x;
86.7x; 8x30 binoculars/- one skunk-/ Part. sat,
Aurora-I; CN-I; CN-III; CN-IV; CN-V; V.S. 44(b).
(2 new variables - Ursae Minoris; VZ Camelopardalis)

1611S-3 Aug 29/30-# Monday/0215-0240/06-f/1818/
Pegasus, 55.6x, 235.5x/- Solar Glasses/-/ CN-V;
Sunspot-II. (1 NE)

1612E2-57 2320-2335/4-3^{un}/1818/8x30b/ Clipper/
CN-I; CN-V; Aurora-I.

EDT

16135-3 Aug. 30/31, Tues. / 1740-1756 / 6- / 818 / Solar glasses,
8x30b / CNV, Sunspot - II.
30/31 - cloudy

16145-3 Aug. 31/32 / Wed / 1740-1750 / 6- / 818 / Solar
Glasses - 8x30b / - / CN-V, Sunspot - II.

1615 E M 2-35 2300-0315 / 6- / 818 / Pegasus
55.6x, 86.7x, 235.5x, 353.2x / 8x30b / 63" reflector
56x / Carl Gargano, Clipper / CN-I, CNIII, CNIV, CNV.
Aurora-I, D.S. 19, DS-20, DS-21. V.S. 45.

1616 E 3-1 (should be before 1615) / 2015-2017 / 7- / 1RASC / - / - /
CN-V.

1617-3	0	CN-I: 137 (CN II to until 8/26)
OBS: 519		CN-III: 12
SESSIONS: 46		CN-4- 10
OBS: 416		CN-V- 15 (since 8/26)
		CN-6- 0
		Aurora-I: 153
		Satellites: 22
		Meteor Obs: 1
		Other 349

DOUBLE
STARS: 11
VARIABLES: 56
67

TOTAL = 416

SEPTEMBER 1966

EDT

- 1617S-3 Sept. 1/2 Thursday / 1735-1800 / 8-F / 818 / Pegasus,
55.6x; Solar glasses / CN-I, Sunspot-II.
- 1618EM2-44 2025-0238 / 7; 6; 5; - / 818 + Oratory / Pegasus,
55.6x, 86.7x, 235.5x, 353.2x - 8x 30x b / 3" reflector / Carl
Jorgensen / CN-I, CN-II, CN-III; Aurora-I; DS. 22, VS. 4(b).
210 -
- 1619E-1 Sept 2/3, Friday / 2200-2300 / 3-2 w / Upper Westmount /
- / Clipper / CN-I.
- 1620E-2 Sept. 3/4, Saturday / 2030-2055 / 3-f / Oratory, 818 / - /
- / Aurora-I. Major Display - I was at the Oratory,
walking home, when I looked up to see how cloudy it was.
I noticed the Corona with a ray in, rayed arc in the
west. I dashed home and got out the aurora reports.
I made 2 reports during this session and then went to
Towers' Apts.
- 1621EM2-56 (3/4) / 2100-0129 / ⁶/₃₋₂ / Towers Apt. Roof / 8x30b /
- / Aurora-I - beautiful Aurora seen in a sky ranging
from 7 to 6-3 to 3 to 2 to 6-2. P & Splendid violet and-
green "crown" at 2351. Clouds decided that I should
stop at 0127. Quite so chilly. CN-I, CN-II, VS. 47.
Echo-II.
- 1622EM2-51 0143-0147 / 2 w / Upper Blant Ave / - / - /
Aurora-I.

EDT

1623M42 (B/4)/0225-0245-1 Thu 6; 6-3; 6-2 / f/818/
- / ^{8x30b} / Aurora-I / Richard.

16^o 4/5 - cloudy.

16245 Sept. 5/6, Monday / 1808-1810 / 7-F / 818 / Solar
Glasses / - / Sunspot - II (INE); CN-V.

1625AN2-56 (5/6) / 2020-0420 / 7; 3; 2; 1; O/F / 818 / Pegasus,
55.6x, 86.7x f 8x30b / - Mr. Sabel, Rena and Richard,
Norman Gobel / Aurora-I (+); CN-I, CN-III, CN-IV,
CN-V; Saturn-8 (started tonight - ring project);
VS-48(b); M-13, Zeta UMa.

Sept. 6/7 - cloudy

1626AN-60 Sept. 7/8, Wed / 2015-0600 / 7; 8 - F / 818 / Pegasus,
55.6x f 8x30b / - / CN-I, CN-III, CN-V; Aurora-I (+);
Saturn-8; 2 sate. (CN-III; 4 h 54 m of hunt.) VS48

16275-1 Sept. 8/9, 1966 - Thurs / 1905-1910 / 8 - F / car on Decarie
Blvd - closed window / Mom, ~~Richard~~ Richard, Larry +
Joyce (although no one knew it) / CN-V.

1628EM2-19 2/55-0230 / 6; 7 - F / 818 / - / Pegasus, 55.6x,
86.7x - 8x30b / Celeste / CN-I, CN-III, CN-V; Aurora-
I, V.S. -49.50. 2 sate. CN-4.

EDT

09 66

1629EM Sept. 9/10, Fri / 2330-0030 / 10-F (car on way to
Pipon, Que.) / - / Constantine Papacosmas, Grandpa /
Aurora-I(+).

1830E2 (before 1629) 2100-2125 / 8-F / 818 / 7x50b / - / CN-I,
CN-V.

1631M3 0130-0330 / 9-wrf / Jarnac / Constantine / Pegé;
55.6x, 86.7x / ~~Donna~~ / CN-III, CN-6.

* 1632EM = 16 Saturday, Sept. 10/11 / 2200-0115 / 10; 10-3; 3.2 / Jarnac / Pegasus, / ~~Constantine~~ / ~~CN-V, CN-III~~, Aur-I, VS51 /
~~CN-III, CN-IV, CN-V, CN-6~~ (first sighting of Comet
Bozbon).

1633M2-16 0225-0550 / 10-f / Jarnac / Pegasus / Constantine /
CN-III, CN-6, Aurora-I, Orion Nebula, M-78.
Orion Nebula was splendid. Very first view of
M-42 under "10" conditions. CN-I, - not a star session.

16

1634S Sunday, Sep. 11/12 / 01215-1230 / 3-f / 8 Jarnac / Peg /
Constantine / ~~AT~~ Sunspot-II.

1635S-1 Thursday, 15 / 1400-1905 / 7-F / 818 / - / CN-V.

1636E2-0 12000-2100 / 3-wrf / 818 / Peg / - / CN-7.

EDT

1637E-0 Fri. Sep 16/~~8~~ 2030-2040/3-7-F/818/Pegasus,
55.6x / Tom Meyer / CN-7.

1638E-2 Sat-17/2000-2045/7-F/818/Peg-55.6x,
86.7x/- / CN-III, CN-7, Aurora-I

1639E-1 2300-2315 / 7-F / RASC / 6"rr / Mr. C. M. Good /
Saturn-VIII, M31,

1640E-2 Tuesday, Sep. 20/21/2040-2045/7-F/818/-1-CN-V,
~~Aurora-I.~~

1641M2-17 0015-0045 / 7-F/818; St. Joseph Oratory; 818/
8x306/- / CN-I, CN-V, Aurora-I, V.S. 52.

1642MP-2 Sep. 27/0535-0540/7-F/818/~~St. J.~~ -1-1
CN-V, Aurora-I.

1643M2P-1 0615-0617/7-F/818/-1-1/Tw+ CN-V.

1644SP-2 (before 1642) 26/0915-0920/7-F/818/-1-1
7x506 / Sunspot-II; CN-V.

^{see 1643}
1645EP-1 Sep 27/28, Tues. / 2230-2235/~~7~~⁶F/818/-1-1/Aur-I.

1646MP-3 0535-0540/7-F/818/-1-1/CN-V, Aur-I,
V.S. 53 (first estimate - of Cassiopeia.)

EDT

1647EP1 Sept 26 (before 1642) / 2000-2005 / et 7-F / Wsmnt
Summit / - / - / CN-V.

1648EP1 Sept 27/28 / (before 1645) / 1915-1920 / 7-F / Wsmnt
Summit / - / Geary / CN-V.

1649MP1 ~~Thursday, Sep 28~~ Wednesday, Sep. 28/29 (Thurs) / 0630-
0632 / 7-F / 818 / - / - / CN-V.

1650S201 0800-0830 / 4-3-6 / on way from 818 to
Mc Gill / - / - / Solar Halo. Bright sundog to
NE of \odot and one NW of it.



OBS: 314	AURORA-I:	178
SESSIONS: 34	CN-I:	42
	CN-V:	32
	CN-6	1
	CN-7	0
	CN-4	2
	CN-III	5
	Satellites:	12
	Double Stars:	276
	Variables:	36
		<hr/> 314

EDT

- 1661E-1 Oct 9/9/1920-1925/7-F/Orat/-1-/CN-V
(twot hym)
- 1662E-24 2020-2030/3-F/818/-1-/CN-I, VS56,
Aur-I.
- 1663E-2 Oct 10-1700-1710/7-F/818/ Peg/-1/CN-V, Sunspot-II
- 1664E-4. before 1663 (Oct 8/9) 0100-0145/ ~~73~~^{orat-818}F/818/-1-/
Aurora-I.
- 1665E-~~8~~⁶ Oct 10/11, Mon/1910-1930/7-F/818, Oratory⁸¹⁸/8x306/
-1/CN-I, CN-V, Aur-I VS57.
- 1666E-11 2245-2335/7-F/818, Oratory, 818/8x306/
-1/CN-I, CN-V, Aur-I, VS-57.
- 1667E-1 Oct 13/1630-1650/~~6~~⁶F/818/ Peg-55.6x, solar glasses/
Michael Wexler/ Sunspot-II.
- 1668E-14 15/16/14/15/96. 5-F/818, Oratory, 818/8x306/-/
CN-I, CN-V, Aurora-I, VS58. Minimum of
Algel observed.
- 1669E-1 Saturday, Oct. 15/16/ 20:30-2050/5-4-6/ RASC/
✓ 6" refractor / Jim Low, Mr. Gutting, + others/
Saturn-8.

EDT

- 16709-3 Oct 16, 1966, Monday / 0850-0915 / 7-3-F / 818 /
-t Pegasus-55.8 x/- / ~~CP-I, Aurora-I.~~
CN-V, Sunspot-II.
- 1671
16/17 - cloudy
17/18 - cloudy
18/19 - cloudy
19/20 - cloudy
- 1671EP1 Oct ~~22/23~~, ~~Thu~~ ^{20/21} ~~21/22~~, Thurs / 2330-2335 / 3-F /
818 / - / CN-I, Aur. I.
- 1672M2-7 0505-0520 / 8-F / 818 / 8x30b / - / CN-F, CN-V,
VS-59.
- 1673SP-1 Oct. ~~22/23~~ ^{21/22} Friday / 1700-1705 / 7-F / 82 near Mary Road
near Décarie / - / CN-V.
- 1674SP2-1 1735-1740 / 7-F / 818 / Solar glasses / - / Sunspot-II.
- 1675E3-2 1855-1910 / ~~8~~ 7-F / 818, Pratory / - / - / CN-V,
Echo-II. $\frac{1}{2}$
- 1676EP4-6 2330-2340 / ~~4~~ 4-F / 8 / Summit Park, / 8x30b /
- / Aurora-I, CN-I, CN-V, VS-60.

EDT

10 66

1677M-4 0515-0640 / 7-F / 818 / Pegasus, 55.6x, 8x306 /
- / CN-I, CN-III, CN-V, Aurora-I.

22/23 - cloudy

1678EP1 23/24 / 1830-1832 / 7-F / Oration / - / - / CN-II.

1679SP2 (before 1678) / 22/23 / 1530-1540 / 7-F / Oration /
+ / Solar glasses / - / Sunspot-II, CN-V.

1680SP2 (also before 1678) / 23/24 / 1715-1720 / 7-F / 818 /
Solar glasses / CN-II, Sunspot-II.

1681SR2 Monday, Oct 24 / 0925-0930 / 7-F / 818 / Solar glasses / - /
CN-I, Sunspot-II.

1682E-1 (before 1681) / 23/24 / 2130-2145 / 7-F / 818 + Pegasus,
55.6x, 86.7x, 235.5x, 353.2x / Grey / Saturn-8.

1683EP4 Monday, Oct 24 / 25 / 2020-2030 / ~~7-F~~ 5-F / 818 / 8x306 / - /
CN-I.

1684EP2-1 2330-2335 / 4-3-F / 818 / 8x306 / - / CN-I.

1685MP3A 0505-0510 / 7-F / 818 / 8x306 / - / CN-I, Aurora-I.
✓ VS-61.

EDT

1686M4-7 0525-0645/7-F/818/Pegasus, 55.6x/8x30b/
CN-I, CN-III, CN-V, Aurora-I.

1687S5-2 0920-0925/7-F/818/Pegasus, 55.6x Solar glasses/
-/CN-V, Sunspot-II.

1688E-17 Tuesday, Oct 25/26/2335-2345/6-F/818/-/8x30b/
CN-I, Aurora-I, VS-62.

1689M2R-1 0710-0712/7-F/818/-/1-CN-V.

1690S0R-1 0925-0930/7-F/818/-/Solar Glasses/
€ CN-V, Sunspot-II.

1691E-12 Wed., Oct. 26/27/2340-2355/7-F/818/€=18x30b/
CN-I, CN-V, Aurora-I. VS-63.

1692SR-2 0930-0932/7-F/818/-/Solar glasses/
~~CN-I~~, CN-V, ~~Aurora~~ Sunspot-II.

1693E-12 Thu. Oct. ²¹³⁰⁻²¹³²27/28/5-F/80ratory/-/1-CN-V, aur I.

1694E2-12 2255-2310/7-F/818/8x30b/-/
CN-I, CN-V, Aur-I, VS-64.

1695S5-2 0930-0932/7-F/818/Solar glasses/
-/CN-V, Sunspot-II.

EDT

1696E Fri - Oct 28/29/1915-2000/5-3-F/818/Pegasus, 55.6x/
86.7x, 235.5x, 353.2x/8x30b/-+ Mother/ CN-I,
Saturn-8/4 Edgewise presentation of rings.

1697E-1 Sat. Oct 29/30/2300-2315/7-F/818/3/6" refractor/
EST ↓ Mr. W. Gutting, B. Ramsay / Saturn - no rings.
1698EP-1 Sun Oct 29/30/1725-1730/3-F/Oortory/-1-1/CN-V.

1699E2-16 Sunday Oct 30/31/2035-2130/7-8-F/818, Summit,
818/8x30 binocs / Clipper / CN-I, CN-V, Aurora-I,
V.S. -65.

1700E-10 Monday, Oct 31/32/2300-2310/4-F/818/-+ 8x30 binocs/
✓ -1/CN-I, CN-V, Aurora-I. VS+66

OBS. SUMMARY FOR OCTOBER 1966

OBS.	PROJECT	No. OBS.
223	Saturn-8:	4
SESS:	ART. SATELLITES:	3
50	SUNSPOT-II (tel)	4
	(HE)	11
	V.S. :	36
	AURORA-I:	32
	CN-I:	90
	CN-III:	2
	CN-V:	4
	TOTAL.	223

NOVEMBER 1/2 - cloudy 2/3 - cloudy EST

1701E-14 Thursday, Nov. 3/4/2158-2209/5-F/818/8x30b/
-1CN-I, CN-V, Aurora-I. V.S. -67

1702EF-2 Friday, Nov 4/5/2225-2230/7-F/8 course Belvedere +
Cote-des-Peiges /-1-CN-V, Aurora-I.

1703E2-7 2245-2255/~~5-F~~-5-3-F/818/8x30b/-1CN-I,
Aur-I, V.S. -68

Sat. Nov. 5/6 - cloudy

Sun. Nov. 6/7 - cloudy

Mon Nov 7/8 - cloudy

Tues Nov 8/9 - cloudy

Wed Nov 9/10 - raining

Thurs Nov 10/11 - raining

1704SF-2 ~~Ex~~ Nov 11/0915-0935/7-F/818-4621 Michel Beaud/
Tom Meyer /CN-V, Sunspot-II

Fri Nov 11/12 - cloudy

1705M-11 ~~So~~ ~~11/12~~ Sat. Nov 12/13/0430-0608/⁸⁻³~~5~~-F/818/
Pegasus, 55.6x, 86.7x/-1CN-I, CN-3, CN-V, Aur-I,
V.S. 69.

17065-2 Sun, Nov 13/14/1400-1415/7-F/818+con/-1Cbeta/
CN-V, Sunspot-II (1-NE)

EST

11 66

1707E2-6 1710-1805/7-F/818/Oratory, 818/Pegasus, 55.6x,
-/CN-III, CN-V, Aurora-I.

1708E3-13 1900-2100/7;6;3-F/818/Pegasus, 55.6x, 8x30b/
CN-I, VS7Q, Aurora-I, CN-III.

Monday, Nov 14/15 - cloudy

1709E2 Tuesday, Nov 15/16/1550-1600/7-F/Oratory/
Solar glasses/Clipper/~~GA-F~~ CN-I, Sunspot-II.

1710E2-1 1705-1715/7-F/Oratory/-/CN-II

1711E-13 2120-2140/7-F/818/8x30b/-/CN-I, CN-IV, Aur-
ora-I, VS-70.71.

1712 Wednesday, Nov 16/17 - cloudy
Thursday, Nov 17/18 - cloudy

1712E-8 Friday, Nov. 18/19/2215-2340/7-3/818/Pegasus
55.6x/8x30b/-/CN-I, CN-III, CN-IV, Aurora-I, VS-72

1713MPE-1 0600-0602/7-F/818/8-1-1/CN-V.

1714SP-1 Saturday, Nov. 19/20/1350-1355/8-F/Oratory/-/1-1/CN-V.

1715SP-1 ✓ 1600-1610/8-F/818/Solar glasses/-/Sunspot-II.

EST

1716EP3-1 1700-1705/8-F/Oratory/-/-/CN-V.

1717E4-3 1740-1810/8-F/8/8/Pegasus, 55.6x/-/CN-III
CN-II, Aurora-I.

1718EM5-17 1915-0005/8-F/8/8/Pegasus, 55.6x, 86.7x; 8x30b/7x50b)
Card/CN-I, CN-III, CN-V, Aur-I, VS-73.

1719M6-45 0440-0635/7-F/8/8/Pegasus, 55.6x, 8x30b/-/
CN-I, CN-III, CN-V, Aurora-I.

1720SP-2 Sunday, Row 20/21/7-F/Oratory/~~Per Solarglasses~~/
-/CN-V, Sunspot-II. (1500-1505.

1721E2-5 1700-1800/7-8-F/8/8/^{Pegasus 55.6x}~~3x30b~~/-/
CN-III, CN-V, Aurora-I.

1722E3-14 2045-2105/7-F/8/8/8x30binoc/-/
CN-I, CN-V, Aurora-I, VS-73.74.

1723M4-5 0440-0620/7-F/8/8/Pegasus, 55.6x; 8x30binoc/
-/CN-I, CN-III, CN-V, Aurora-I.

1724EP-1 Monday, Row. 21/22/1700-1710/7-F/Orat/-/Klipper/CN-V

1725E2-16 1940-2000/7-F/8/8/8x30b/-/CN-I, ~~CN-III~~, CN-V,
Aurora-I, VS-75.

EST

11 66

1726M3-# 0445-0620/8-F/818/Pegasus-5.5.6x/8x30b/-/CN-I,
CN-III, CN-V, Aurora-I.

17
22/23- cloudy
23/24- cloudy
24/25- cloudy
25/26- cloudy
26/27- cloudy
27/28- cloudy
28/29- cloudy

1727SP2 Nov 29/30 Tuesday 1545-1550/3-F/Oortory/
Solar filter -A/CNII, Sunspot-II(LINE).

1728ERO 1 1715-1720/3-F/818/8x30b/-/nothing in particular.

1729E35 1905-1920/3-F/818/Michel Bibeaud/8x30b/-/CN-I,
✓ V.S.76.

Nov 30/31 - cloudy.

Summary for November 1966.

Sessions: 29	Project	No. obs.	Proj.	No. Obs.
Obs: 166	Sunspot-II (tel)	0		
	(NE)	6		
	VS	28	CN-II:	28
	Aurora-I:	23	Art. Sate:	2
	CN-I:	73	Total:	166
	CN-III:	6		

DECEMBER 1966

EST

1/2 - cloudy

2/3 cloudy

1730 E-03/4, Saturday/2315-2330/6-F/RASC/6" refractor/
H. Simkoew, R. Vennar/ nothing in particular.

1731M2-7 # 0015-0040/6-F/818-Oratory - 818/
8x3061-1 CN-I, CN-II, Aurora-I, VS-77.

1732SP-1 Sunday, Dec. 4/5/1600-1605/7-F/
Oratory/-1-1 CN-II.

1733EP-1 1700-1710/7-F/818-Oratory/-1-1 CN-II.

1734E3-8 1755-1815/6-F/818/8x3061-1 CN-I, CN-II,
Aurora-I.

1735MP-4-1 0640-0642/6-F/818/-1-1 CN-II.

Dec 5/6 - cloudy

Tuesday, Dec 6/7 - cloudy

Wednesday, Dec. 7/8 - cloudy.

Thursday, 8/9 - smog

Friday, Dec 9/10 - smog

Saturday, Dec. 10/11 - smog

Sunday, Dec. 11/12 - cloudy

1736MP-1 0628-0630/6-F/818/-1-1 CN-II.

1737SP-2 Monday, Dec. 12/13/1545-1555/7-F/818-Oratory/
Solar filter/-1-1 CN-II, Sunspot-II.

EST

- 1738EP2-1 1650-1700/ 7-F/Oratory / - / - / CP-V.
- 1739E3-17 1745-1808/ 7-F/ 818/ 8.30b/ - / CP-I, CP-V, Aurora-I,
V.S. -78.
- 1740MP4/1 0643-0645/ 7-F/ 818/ - / - / CP-V.
- 1741SP-1 Tuesday, Dec. 13/14/ 1605-1610/ 7-F/ 818 Oratory / - /
Solar filter / CP-V, Sunspot -II.
- 1742EP2-1 ~~1635-1640/ 7-F/~~ 1645-1640-1645/ 7-F/
Oratory / - / - / CP-V.
- 1743E3-17 1735-1805/ 7-6-F/ 818/ 8x30b/ - / CP-I, CP-V,
Aurora-I, V.S. -79.
- 1744EP4-2 1955-2005/ 6-5-F/ 818/ 8x30b/ - / CP-I. Low area
started - 404. - first observation. ~~CP-V~~ Aurora-I.
- 1745EP5-2 2214-2217/ 5-F/ 818/ - / - / CP-I, Aurora-I.
- 1746EP6-1 2325-2330/ 4-F/ 818/ - / - / Aurora-I.
- 1747EP-1 Wednesday Dec 14/15/ 3-F/ 818 Oratory / 1645-1655/
✓ - / Clipper / CP-V.

EST

1748E2-7 1745-1808/5-F/818/ 8x306/-/CN-I,
CNII, Aurora-I, V.S. 80.

#1749SP2 Thursday Sept. ^{15/16}~~14/15~~/1535-1545/6-F/Oratory/~~1/2~~ Solar
filter/Clipper/CN-I, Sunspot-II.

1750EP2 1645-1645/3-f/Oratory/-/-/CN-II.

1751E3-7 1730-1800/6-F/818/ 8x306/CN-I CNII,
Aurora-I, VS-81.

1752EP4 2345-2350/ 4-F/818/-/-/Aurora-I.
16/17 Dec - cloudy
17/18 Dec. Cloudy!

1753EP-2 Sunday, Dec 18/19/ 2230-2240/7-f/8+ Oratory/
Sammy/CNII, Aurora-I.

1754EP2-8 2315-2330/ 7-F/818/ 8x306/-/CN-I, CN-II,
V.S. 82.

1755M3-5 0515-0600/ 4-3-F/818/ Peg. 55.6x/-/
CN-I, CNII, Aur-I.

1756E-9 Monday, Dec 19/20/005-0020/7-F/818/8x30b/
-/CN-I, CN-II, Aurora-I. VS83.

Tuesday Dec 20/21 - cloudy

Wednesday, Dec 21/22 - cloudy

Thursday, Dec 22/23 - cloudy

1751EP-1 Friday, 23/24/1655-1700/7-F/Oratory Kerry, Sammy M./CN-I.

Saturday Dec. 24/25 - cloudy } blizzard

Sunday, Dec. 25/26 - cloudy }

Monday, Dec. 26/27 - cloudy

1758M-12 Tuesday, Dec. 27/28 (Wed. morning)/0405-0650/6-F/818/
Pegasus, 55.6x; 8x30 binocs/-/CN-I, CN-III, CN-V,
Aurora-I, Echo-I. VS84.

Wednesday, Dec 28/29 - cloudy } blizzard
Thursday, Dec. 29/30 - cloudy }

1759EP-1 Friday, Dec. 230/31/¹⁶⁴⁵⁻¹⁷⁰⁰~~1700-1715~~/7-F/Oratory/-/Chipper/
CN-V.

1760E-9 1720-1805/6-F/818/7x50b; 8x30b; Pegasus 55.6x/
Steve Ashe/CN-I, Aurora-I, VS⁸⁵~~84~~. CN-III.

*
1761E32

1915-2000/7-3-F/818/7x50b; 8x30b | Pegasus, 55.6x,
Steve Ashe/CN-I (raw area: 31); CN-III.

Sat. Dec 31/32 - cloudy.
Summary for December, 1966

Sessions	Sunspot-II - 4
= 26	Aurora-I - 25
Observations	CN-I - 71
= 158	CN-III - 3
	CN-V - 25
	V.S. 77-85ime. - 29
	Sats. - 1
	<hr/>
	158

713 sessions in 1966.

ANNUAL SUMMARY OF OBSERVATIONS AND SESSIONS
1966

David H. Levy

Project	Number of Observations				
	1966	1965	1964	1963	1962
1. Planetary Work					
2- Jupiter		5	12	1	0
1- Saturn		0	6	1	0
2- Uranus and Neptune		0	0	3	0
1- Venus in daylight		0	0	0	0
0- Venus drawing		1	0	0	0
0- Mars		1	0	0	0
2. Lunar Drawings	2	9	0	0	0
			crater identific. instead.		
3. New Messiers	20	Total seen to date January 1, 1967:100.			
4. Area Drawings—					
5. Meteor Observations. 2 showers, 3 sessions		6 showers	3	3	4
				(plus one in 1961.)	
6. Lunar Occultations	0 timings	0	6	0	1
7. Naked eye and telescopic Sunspot Observing (approximate figures)	289 observations	131 134	57	44	0
8. Comet and Nova Search	1271 observations.	146	115	0	0
9. Comet Observations.	13 observations of 2 comets.	2 of 1.	0	0	0
10. Aurera	1030 checks.	215	240	0	0
11. Variable Stars.	185 +(2) = 187.	18	75	0	0
12. Constellations	5 identified	8			
13. Double stars	54 observed	8	0	0	0
14. Artif. Satellites	59 observations	8	5		

Showing Sessions.

	Jul	Aug	Sep	Oct	Nov	Dec
1966	67	46	34	50	29	26

1965	316	1964	316	1963	259	1962	144
1961	8	1960	3	1959			

David H. Levy

1967

EST

January, 1/2 - cloudy.

1762SP-2 Monday, January 2/6 - F / near 818 / Sun filter / - / Sunspot - II,
CN-V 1545-1555.

1763EP2-1 1700-1710/6-F/Oratory / - / Clipper / CN-V.

1764EP3-4 1725-1735/4-3-F/818/8x30 binocs / - / CN-I, CN-V,
Aurora-I.1765E4-4 2330-2345/fog but clear - F/818+ven. / 8x30 binocs /
Clipper / CN-I, CN-V.

Tuesday, Jan. 3/4 - cloudy

Wednesday, Jan. 4/5 - cloudy

Thursday, Jan. 5/6 - cloudy.

1766MP-1 0642-0644/7-F/818/-/-/CN-V.

1767EP-1 Friday Jan. 6/7/1715-1720/7-F/818/-/-/CN-V.

1768E2-3 1730-1745/6-F/818/8x30 binocs / William Levy / CN-I,
VS-86.

1769EP3-1 2155-2200/6-F/Mount Royal/8x30 binocs / Carl / CN-I.

1770E4-5 0115-0135/6-F/818-Oratory/8x30 binocs / - /
✓ CN-I, CN-V, Aurora-I, VS-86.

EST

1788 SP-1 Tuesday, January 17/18 | 1335-1345 / 3-F / Oratory / - / - /
CN-V.

1789 SP2-1 1430-1435 / 7-F / 8/8 / Sunfilter / - / Sunspot! - II.

1790 EP3-1 1720-1730 / 7-F / Oratory / - / Clipper / CN-V.

1791 E4-1 1745-1810 / 7-F / 8/8 / Pegasus, 55.6x / - /
CN-III.

1792 E5-9 1845-1905 / 6-F / 8/8 / 8x30 binocs / - /
CN-I, CN-V, aurora-I, VS. -89.

1793 M6-11 0445-0700 / 7-F (Windy; Temp -10°F) / 8/8 /
Pegasus, 55.6x; 8x30 binocs / - / CN-I, CN-III, CN-V,
Aurora-I, V.S. -89.

1805

~~1794~~ SP-2 Wednesday, Jan. 18/19 / 1540-1545 / 7-F / ven. 8/8 /
Sunfilter / Clipper / CN-V, Sunspot - II.

1794 EP2-2 1720-1730 / 7-F / Oratory / - / - / CN-V, aurora-I.

1795 E3-10 1905-1925 / 7-F / Summit / 8x30 binocs /
CN-I, CN-V, aur-I, VS-90.

1796 E4-4 2240-2335 / 7-F / RASC / 6" refractor, 8x30
binocs / Boyd Ramsay / CN-I, CN-III, CN-V, aurora-I.

EST

1797E^F-30625 to 0635 / 4, 2^{un}-F / 818 / 8x30 binocs / CN-I, VS-

90.

19/20 January; Thursday - cloudy!

1798ME¹⁴ Friday (sat. morning) Jan. 20/21 / 0625-0655 / 7-F / 818 / 8x30b / - / CN-I, CN-II, Aurora-I; VS-91. Art. sat.

1799EP-1 (should be before 1798 - (Jan 20/21)) / 2215-2225 / ven. of 818 / - / Clipper / CN-I.

Saturday, Jan 21/22 - cloudy

1800EP-0 Sunday, Jan. 22/23 / 2148-2153 / 4-2^{un}-F / 818 / 8x30 binocs / - / lunar halo, rather bright ☉

Monday, Jan 23/24 - cloudy

1801SP-1 Tuesday, January 24/25 / 1325-1330 / 6-F / 8# Oratory / - / CN-II.

1802SP²¹ 1450-1455 / 3 F / 818 - ven. / 8 Sun filter / Clipper / Sun-spot - II

1803E3-10 1945-2010 / 7-F / Summit / 8x30 binocs / - / CN-I, CN-III, CN-V, Aurora-I, VS-92.

1804EP-0 Wednesday Jan 25/26 / 2030-2035 / 6^{un}-F / 818 / - / - / -.

1805 ✓

Thurs. Jan 26/27 - cloudy

Fri Jan 27/28 - cloudy

Sat Jan 28/29 - cloudy

Sun Jan 29/30 - cloudy.

EST

1806SP-1 Monday, January 30/31/1345-1350/7-F/ McGill University, in front of Arts Bldg. /-/-/ CN-V.

1807EP2-1 1725-1730/ 7-F/Oratory/-/-/ CN-V.

1808E3-1 1900-1930/7-F/818/ Pegasus, 55.6x/-/ CN-III.

1809MH-8 0000-0030/ 2-3-F/818+vicinity/8x30 binocs/ Dipper/ CN-I, CN-V ~~Aurora-I~~ VS-93



1810M5-10 0600-0625/7-F/818/8x30 binocs/-/ CN-I, CN-V, Aurora-I. Luna-Mars-Spica configuration.

1811~~56~~-1 0830-0835/7-F/462/ Michel Bilvaud/ Sun filter /Tom/ Sunspot-II. /Ospote.

1812SP-1 Tuesday Jan 31/32/ 1340-1345/ 3-F/ McGill, near Arts Bldg/ Sun -/-/ CN-V.

1813EP2-1 1730-1735/3-F/Oratory/-/-/ CN-V.

1814E3-9 1900-1920/ 3-F/818/8.30 binocs/ -/-/ CN-I, CN-V, Aurora-I. VS. -94.

1815E4-1 2000-2100/ 3-F/818/ Pegasus, 55.6x,/-/ CN-III.

Obs. = ~~188~~ 193 Jan. Summary: 02 67
 Sess. = 54
 EST

CN-I	89	CN-III	Aurora-I	sats.	V.S.	SS-II
CN-V	41	5 (3h23m)	26	2	23	7
	130					

1816E-6 Wednesday, Feb 1/2 / 1920-1935 / 5-4-f / Summit / 8x30
 FEBRUARY binocs, / - / CN-I, CN-V, Aur-I.

1817M-16 Thursday, Feb. 2/3 (Friday morning) / 0605-0630 / 7-F / 818 /
 8x30 binocs / - / CN-I, CN-V, Aurora-I, VS-95.

1818SP2-2 0915-0920 / 7-F / 818 / sun filter / - / Sunspot-II
 § CN-V.

~~1819EP1~~ Friday, Feb 3/4 / 1740-1745 / 7-F / 8 Oratory / - / CN-V.

1820E2-12 2030-2200 / 7-F / 818 / Pegasus, 55.6x, 60?x, 86.7x;
 8x30 binocs / - / CN-I, CN-III, CN-V, Aurora-I, VS-96.
 New variable: α Orionis.

Feb 4/5 - Sat - cloudy

1821SP2 Sunday, Feb 5/6 / 1455-1500 / 6-F / 818 / Sun filter / - /
 CN-V, Sunspot-II.

1822E2-8 2100-2120 / 7-F / 818 / 8x30 binocs / - / CN-I,
 CN-V, VS-97.

1823EP3-1 (before 1822 / 1800-1810 / 7-F / Westmount, car - closed window /
 - / Richard & Rona though they didn't know it / CN-V.

1824M4-11 0600-0625 / 7-3-F / 818 / 8x30 binocs / - / CN-I, CN-V,
 Aurora-I, VS-97.

EST

1825 SP52 0928-0933 / 7-F / 818 / Solar filter / - / CN-II, Sunspot-II.

1826 EP1 Monday, Feb. 6/7 / 1720-1730 / 8-F / Oratory / - / - / CN-II.

1827 E2-12 1910-2020 / 7-F (Temp. 10° below zero F) / Pegasus, 55.6x; 8x30 binocs / - / CN-I, CN-III, CN-V, Aurora-I, VS-98. art. sat.

1828 EP-1 Tuesday, Feb. 7/8 / 1720-1730 / 2^{hr}-F (Oratory) / - / - / CN-V.

1829 E2-11 1930-2000 / 7-F / 818 / 8x30 binocs Pegasus, 55.6x / - / CN-I, CN-III, CN-V, Aurora-I, VS-99.

1830 M3-12 0450-0635 / 8-F / 818 / Pegasus, 55.6x, 8x30 binocs / CN-I, CN-III, CN-V, Aurora-I, art. sat, VS-99. Temp = -5° F.

Wed Feb 8/9 - cloudy

Thu Feb 9/10 - cloudy

Fri Feb 10/11 - cloudy

1831 EP3 Sat. Feb 11/12 / 1755-1805 / 8-F / Oratory / - / - / CN-V, Aurora-I.

EST

- 1832E2-0 2015-2100/3-F/RASC/6" refractor/others/
~~GA~~ • M-42, Jupiter.
- 1833E1B-4 2200-0120/8-F/RASC/6" refractor/others/ Jupiter,
 M-45, CN-III
- 1834MP4-6 0145-0150/8-F/818/8x30 binocs/CN-I, CN-V, Aurora-
 I.
- 1835MP5-8 0610-0225/8 (bright sky - twilight) - F/818/8x30 binocs
 -/CN-I, CN-V.
- 1836SP-2 Sun, Feb 12/13/1230-1235/8-F/^{VCN}818/sun filter/-/CN-V,
 Sunspot-II.
- 1837EP21 1740-1750/8-F/Oratory/-/-/CN-V.
- 1838E3-10 2045-2100/7-F/818/8x30 binocs/-/CN-I, CN-V
 Aurora-I, VS-100. (between 10 and 16 below - [2 radio stations])
- S4-2
~~1839M#~~ 0915-0920/7-F/818/sun filter/-/CN-V SS-II.
- ~~1840#5-1~~ Mon, Feb 13/14/7-F (McGill, RASC) /6" ¹⁵⁰⁰⁻¹⁶⁰⁰ refr. finder /-#
 Boyd Ramsay, Bob Hawkins /CN-V Sun Vicinity - special
 check.
- 1841E2-1 ✓ 1250-2030/7-6-F/RASC/Cassiopea/-/CN-III.

EST

02 67

- 1832E2-0 2015-2100/3-F/RASC/6"refractor/others/
~~GA~~ • M-42, Jupiter.
- 1833EB-4 2200-0120/8-F/RASC/6"refractor/others/Jupiter,
M-45, CN-III
- 1834MP4-6 0145-0150/8-F/818/8x30 binocs/CN-I, CN-V, Aurora-
I.
- 1835MP5-8 0610-0225/8 (bright sky - twilight) - F/818/8x30 binocs
- /CN-I, CN-V.
- 1836SP-2 Sun, Feb 12/13/1230-1235/8-F/^{VCH}818/sun filter/ - /CN-V,
Sunspot-II.
- 1837EP2H 1740-1750/8-F/Oratory/- /CN-V.
- 1838E3-0 2045-2100/7-F/818/8x30 binocs/- /CN-I, CN-V
Aurora-I, VS-100. (between 10 and 16 below - [2 radio stations])
- S4-2
1839M4 0915-0920/7-F/818/sun filter / - /CN-V SS-II.
- 1840#5-1 Mon, Feb 13/14/7-F (Mc Gill, RASC) /6"ref. finder /¹⁵⁰⁰⁻¹⁶⁰⁰
Boyd Ramsay, Bob Hawkins /CN-V Sun Vicinity - special
check.
- 1841E2-1 ✓ 1250-2030/7-6-F/RASC/~~Comma~~ / - /CN-III.

EST

1842E3-9 2320-2350/7-F/Oratory, 8/8/8x30binocs/
-/CN-I, CN-V, Aurora-I, VS-101.

Feb 14/15 - cloudy Tues
Feb 15/16 - snowing Wed

18435P-2 Thurs Feb. 16/17/1600-1610/7-F/McGill; near
Admin. Bldg/-/-/CN-V.

1844EP2-1 1800-1805/7-F/McGill; Leacock Bldg/-/
-/CN-V.

1845M3-16 0550-0615/7-F/8/8/8x30binocs/-/CN-I,
CN-V, Aurora-I, VS-102.

~~18~~1846EP-1 Friday, Feb. 17/18/1750-1800/7-F/Oratory/-/
Clipper/CN-V, Aurora-I.

1847EP2-1 1830-1835/7-F/Cote St. Luc/-/Mom, Dad,
Gerry (they didn't know it)/Aurora-I.

1848EP3-1 2215-2220/7-F/C St 2/-/Mom, Dad, Richard,
Roma, Joyce, Larry (+dki)/Aurora-I.

1849M4-16 0100-0305/7-F/8/8/Pegasus, 55.6x1/-/CN-I,
CN-III, CN-V, Aurora-I, VS.-103.

EST

02 67

- 1850 MB-1 0645-0650/7-F/818/-/-/CN-V.
- 1851 SP-2 Sat. Feb. 18/19/1350-1355/7-F/818/ sun filter /
-/CN-V, Sunspot-II.
- 1852 E2-1 1740-1755/7-F/Oratory /-/-/CN-V.
- 1853 E3-3 1850-2005/6-5-F/818/ Pegasus, 55.6x/
Clipper/ CN-III, CN-V, aurora-I.
- 1854 EH-6 2315-0100/6-5-F/RASC/ Cosmos; 8x30
binocs/ CN-I, CN-III, VS-104.
- 1855 MP5-1 0135-0140/5-3^W-F/818/-/-/Aurora-I.
- 1856 M6-9 0400-0430/7-6-F/818/ 8x30 binocs/Clipper/
CN-I, CN-V, aurora-I, VS-104.
- 1857 MP7-1 0635-0640/6-F/818/-/-/CN-V.
- 1858 SP-2 Sun, Feb. 19/20/7-F/818^{VEN}/ sun filter /-/-/CN-V (Sun Ven.)
Sunspot-II (Ospote).
- 1859 EP2-1 1755-1800/7-F/Wamt. Summit /-/-/CN-V,
Aurora-I.
- 1860 E3-3 1950-2125/7-F(818)/ Pegasus, 55.6x; 8x30b/
✓ -/CN-I, CN-III, CN-V, aurora-I, VS-105.

EST

1861 EP4-2

2325-2330/3-F/818/1-1/Aurora-I.

1862 M5-9

0430-0500/4-F/818/8x30binocs/1-CN-I,

CN-II, Aurora-I, VS-105.

Mon Feb 20/21 - cloudy

1863 EM-8

Feb 21/22 - ~~Wed~~ Tues. / 2350-0005/7-F/818/8x30binocs/

Clipper/CN-I, CN-II, Aurora-I, -VS-106.

1864 M2-16

0445-0620/8-F/818/Pegasus, 55, 6x8x30binocs/

-1-CN-I, CN-III, CN-IV, Aurora-I, VS-106.

1865 EP-1

Wed Feb 22/23/1740-1745/⁶/₇-F/Leacock Bldg/

-1-1-CN-IV.

1866 ^MEP-1

Thu. Feb 23/24/0640-0645/7-F/818/1-1-

CN-IV.

24/25 - cloudy

1867 ~~M~~MP-1

Sat. 25/26/0555-0600/7-F/818/1-1-CN-IV.

1868 S-3

Sun. 26/27/1200-1230/8-F/818/Pegasus, 556x;
Solar glasses/CN-II, Sunspot-II.

1869 SP-2

(before 1867) 23/24/0930-0935/6-F/818/sun
filter/1-Sunspot-II, CN-IV.

1870 EZ-1

Sunday 26/27 (cont'd)/2100-2130/3-2-F/RASC/Cosmos/1-
CN-III.

EST

1871EM~~36~~ 2320-0010 / 7-F/818/ Pegasus -55.6x, 8x30 binocs/
-/CN-I, ~~CP-V~~, VS-107, Occultation-14 (failed).

1872M~~34-110~~ 0430-0605 / 7-F/818/ Pegasus, 55.6x, 8x30
binocs / -/CN-I, CN-III, CP-V, aurora-I, VS-107.
27/28-cloudy 28/29-cloudy

~~1875P-2~~

Summary for Feb.

57 sessions	CN-I	144	
288 observations	CN-III	57	11h 26m on 11 nights
	CN-V	57	
	Aurora-I	31	
	Satellites	2	
	V. S. 95-107inc	44	
	Sunspot-II:	10	
	Messiers:	<u>0</u>	
		288	

EST MARCH 1967

1873SP-2 Wednesday March 1/2 / 1345-1350 / 7-F / Arts Bldg, McGill /
Sunfilter / CN-I, SS-II.

1874ER-1 1740-1750 / 7-F / RASC / - / - / CN-V.

1875E3-1 1830-2115 / 8-F / RASC / ← Cosmos / Mr. Good, Joseph
Rich + others / Jupiter, M-43, CN-III (2 h 1 m).

1876E4-10 2145-2210 / 8-F / Oratory, 818 / 8x30 binocs 18 / - /
CN-I, CN-V, Aurora-I, V.S. -108.

1877M5-~~14~~ 0450-0610 / 0450-0615 / 6-7-F / 818 / 8x30 binocs;
Pegasus 55.6x / - / CN-I, CN-V, CN-III, Aurora-I,
VS-108.

1878MP-1 March 2/3, Thurs. / 0605-0610 / 3-F / 818 / - / - / CN-V.

1879EM-~~23~~²⁴ Friday, March 3/4 / 2215-0615 / 7-F / RASC / Cosmos,
8x30 binocs / Boyd Ramsay, Bob Hawkins / CN-I,
CN-III, CN-V, VS-109. ext. suit. (CN-III: record 5 hrs.)

1880SP-2 Saturday, March 4/5 / 1330-1335 / 7-F / Oratory / - / - / CN-I,
Sunspot-II.

1881ER-1 1800-1805 / 7-F (closed window) / 818 / - / - / CN-V.

1882M3-6 0530-0545 / 3-F / 818 / 8x30 binocs / - / CN-I.

EST

1883MP4-1 0615-0620/3-F/818/-1-T CN-V

~~1883~~ Sunday, March 5/6 - cloudy1884EP-2 Monday, March 6/7/1500-1505/7-F/RASC/-1-1
CN-V, Sunspot-II.
6/7, 7/8 - cloudy1885EP-1 Wed Mar 8/9/2130-2135/7-F/Jarcock Bldg./-1-1-1
V-S. - 110.

1886EP-2 2300-2305/7-F/Oratory/-1-1 CN-V, Aurora-I

1887M-3 0525-0550/7-F/818/8x30 binocs/-1 CN-I, EA-V
CN-V, & VS-110.

9/10 - cloudy 10/11 - no obs

1888E6 Saturday, March 11/12/2045-2200/7-6-F/RASC/
8x30 binocs, Cosmos/Bob Hawkins, others/CN-I,
CN-III, V-S-III.

12/13-13/14 14/15 15/16 16/17 17/18 18/19 - no obs. 19/20 d

1889²⁵EP-1_{EP-1} Monday March ^{20/21}16/17-1 ²²⁰⁰⁻²²¹⁵0900-0945/7-F/RASC/
Bob Hawkins Oratory/-1-1 CN-V1890S-1 (before 1889) Mar¹⁴17/0900-0945/7-F/RASC/~~6" refractor~~
Cosmos/Bob Hawkins/Spectroscopic view of Sun.1891E-1 ✓ Mar. 24, Fri 2200-2300/7-F/RASC/6" refractor/
-1 CN-III.

EST

1892SP1 Sun, Mar. 26/22 1500-1515 / 7-F/8/8 / Sun filter / - /

~~CAE~~ Sunspot-II

✓ 1893E-1 Fri Mar. 31 / 2100-2330 / 7-F/8 RASC /

Cosmos / - / CN-III. / Ernest Ball, Billy Sinclair,
Ronald Melaren, Alan Melaren.

Sess: 21

Obs: 90

CN-I	45
CN-III	5-10h 26m
CN-V	13
Aurora-I	5
Satellites	1
VS. 108-III line	<u>117</u>
Sunspot-II	4
Messiers	0
	<u>90</u>

EST APRIL 1967

1894⁴ES-1 Fri. Thru, Apr. 13/1100-1200/7-F/818/Cosmos/-/EA Sunspot-II. 04 67

1895⁵ES-2 Thu. Apr. 20/1120-1700-1730/7-F/818/Peg. 55.6x/-/EA Sunspot-II. (1 naked eye).

1896⁶EM-17 April 20/2200-0130/7-F/818/Pegasus, 55.6x ~~100~~ 8x30 b/-/Test session; V.S. 112 CN-I, CN-III, CN-V.

1897⁷MP-1 0415-0417/7-F/818/-/-/CN-V.

1898⁸EP-1 Mon. Apr. 24/25/7-F/818/1915-1917/-/-/CN-V.

1899⁹M-13 0000-~~0100~~⁰⁰⁴⁰/7-F/818/Pegasus, 55.6x, 8x30 binocul CN-I, ~~CA-III~~, CN-V, V.S. 113. Test session for Pegasus.

* 1900S-3 Tues. April 25/26/1700-1730/7-F/818/Pegasus, 55.6x, sunfilter/Sunsp. II, CN-V.

1901EM-23 2200-0425/7-F/818/Peg-55.6x, ~~sunfd~~ 8.30b/-/CN-I, CN-III, CN-V, Aurora-I, V.S-114.

1902SP-1 Wed. Ap. 26/27/1700-1705/7-F/818/-/-/CN-V.

1903EM-15 2300-0430/7-F/818/Peg-55.6x-8.30b/ CN-I CN-III, CN-V, art. sat.

SUMMARY FOR APRIL

SESSIONS: 10

OBSER-
VATIONS:

VARIABLE STARS: 12

AURORA-I

CN-I 44

CN-III:

CN-II 10

SUNSPOT-II

ARTIFICIAL SATELLITES:

TOTAL:

SESSIONS: 10

EDT MAY

1904 BERI May 3/4, wed / 2030-2035 / 7-F / Summit of W. smit /
-1-1 CN-II.

1905 E-2 ~~2200-20~~ 2100-2200 / 7-F / RASC / Coomas / -1
CN-III, ~~Jupiter~~ "Mars = 2". ~~GA III~~

May 4/5 - cloudy.

* 1906 EM-35] Friday May 5/6 / 2030-0300 / 10-F / ~~87~~ Jarmac /
CN-I, CN-III, CN-V, Aurora-I, V.S.-115, MF-89.
Reg. 55.6x, 8x 30 binocs.

1907 EMA 0500-0510 / 7-10-F / ~~87~~ Jarmac / -1-1 CN-V.

1908 AN-337 Saturday, May 6/7 / 2100-0500 / 10-F / Jarmac / Pegasus,
55.6x; 8x 30 binoculars / CN-I, CN-III, CN-V, Aurora-I,
V.S.-116.

Sunday May 7/8 - cloudy

1909 E-0 Friday, May 19/20 / 2100-2130 / 3-F / 818 / New 6"
RFT / Larry, Carl, Clipper / test session. Moon, Venus,
Mars.

1910 M-1 Sat. May 20/21 / 0220-0430 / 7-b-F / 818 / Little Joe - first
comet hunt / -1 CN-III.

✓ 1911 MP2-1 0440-0445 / 7-F / 818 / -1-1 CN-V.

EDT

1912E-3 Sunday, May 21/22/190 2130-2330/3-F/818/
to Little Joe, Pegasus/-/CN-III, ~~45~~, CN-IV / Carl

1913EPI Friday, May 26/27/2130-2132/3-F/818/-/-/CN-IV.

*1914EM2 ~~8~~ 2245-0415/7-6-F/818/Pegasus, Little Joe / ~~24~~
Clipper / CN-III.

1915MP1 0435-0437/7-F/818/-/-/CN-IV.

+ MDT TUCSON, ARIZONA

19169-1 ^{Tues}
^{May 30} 1200-1215/~~4~~ 8-F/Brian Kent/8x30b/Keith, Stacie, Paulets,
Schreibers, Grandpa Willie / Sunspot-II.

1917E-1 2100-2130/8-F/Brian Kent/Grandma, Grandpa (Paulet),
Aunt Elaine/-/CN-IV.

1918EM3-1 2200-0015/9-3-F/Brian Kent/Aunt Elaine, Grandma
Pearl/4-inch Moonwatch Refractor/CN-III CN-IV.
Aur-I.

1919M4-1 0150-0515/9-F/Brian Kent/4-inch Moonwatch/-/CN-III,
CN-II, Aurora-I.

1920E-1 (before 1916) / ~~MDT~~ ^{CDT} / May 29/30/2100-2105/American ^{Grandpa}
Airlines Jet on way to Tucson 1 hr. out of Chicago/3-F/17 CN-II.

EDT

19215-0 Wednesday, May 31/1100-1115/9-F/Brian Kent/4" moonwatch/
Stevie Schreiber/~~for~~ test session.

192252 1700-1715/9-F/Brian Kent/4" moonwatch/Keith, Jerry,
Grandpa Willie/Test session.

1923EM-3 2045-0245/9-F/Brian Kent/4" moonwatch/Grandparents
✓ Aunt Eff Elaine, Uncle Mike/CN-III, CN-V.

~~1924M27~~ ~~Thursday~~ - SUMMARY FOR MAY

SESSIONS:

20

VARIABLE STARS:

AURORA-I:

CN-I:

CN-3:

CN-V:

SUNSPOT-II:

SATELLITES:

MESSIERS: 7 - list completed!

TOTAL:

OBSERVATIONS:

MDT JUNE: 1967

1924AN-27 June 1/2/2115-0535/9-F/On road in car, then BRIAN KENT/
4" Moonwatch Refractor; 8x30 binocs/Grandpa Maurice,
Grandma Pearl. Happy, the German Shepherd / CN-I,
CN-III, CN-II, Aurora-I, V.S.-117.

1925E-18 Friday, June 2/3/2130-2330/9-F/Brian Kent/Moonwatch, 8x30
binoculars/Aunt Elaine, Uncle Mike, Grandpa Willie,
Grandpa Maurice, Grandma Pearl, Ellen, ,
Mr. and Mrs. / CN-I, CN-III, CN-II, Aurora-I,
V.S.-118. Sightsseeing.

①1926S-1 1030-1130/3-2-F/Kitt Peak National Observatory/Robert
R. McMath Solar Telescope / Dr. Keith Pierce, Dr. ^{Mrs.} Wolfe,
technicians / Sunspot-II.

1927EM-1 ⁷ Saturday Jun 3/4/2200-2130-0330/3-F/Brian Kent/
Moonwatch / - / CN-III, CN-II, aur-I.

Sun 4/5 - cloudy

1928EP-1 Monday June 4/5/2145-2150/7-F/Flagstaff / - / CN-II.

1929M-18 20100-0130/8-F/Flagstaff/8x30 binocs / - /
CN-I, CN-II, Aur-I. VS-119

1930EP-16 Tues June 6/7/2130-2135/9-F/Grand Canyon / - / CN-I.

1931E2-16 232320-2345/10-F/Grand Canyon/8x30 binocs / - /
CN-I, CN-II, VS-120 Aurora-I. 5.2 4.0

MDT

1932SP-21 0830-0835/10-F/2# Grand Canyon / Solar Filter / -1 ~~CF~~
Sunspot-II.

1933RSP-21 0930-0935/710-F/Grand Canyon / -1-1 CN-II.

1934E-17 Wednesday June 7/8/ ¹⁰²¹⁵⁵⁻²²¹⁵¹ 7-9-F/Holbrook, Arizona / ~~7~~ 8x30 bin /
CN-I, CN-II, V.S. -12, Aur-I.

1935SP-22 June 8/9 1030-1035/9-F/Petrified Forest, Arizona /
Sun Filter / -1 CN-II, Sunspot-II.

1936EP-1 Thursday, June 8/9/ 2100-2110/6-9-F/Albuquerque, New
Mexico / -1-1 CN-II.

~~1937E-19~~
1937EP-

2130-2215/7-F/Albuquerque, New Mexico / 8x30 binocs / -1
CN-I, CN-II, Aurora-I, V.S. -122 (3 new ones: ST Ursae Maj,
YMA-CVn, TUCVn.

1938SP-2 Fri. June 9/10/ 1300-1310/9-F/northern New Mexico /
Sun Filter / Grandma Pearl, Grandpa Maurice, Grandpa
Willie / CN-II, Sunspot-II.

1939EP-1 2130-2135/2-F/Colorado Springs / -1-1 CN-II.

Sat June 10/11 - cloudy

1940E±0 ✓ Sunday, June 11/12 / 2200-2215 / *1-F/Chamberlin Observatory,
Denver / Mr. H. Fiske / 20" Refractor / Test session.

MDT

1941 SP-2A Mon. 12/13/1300-1305/6³-F/Denver, Colorado/te/Solar Filter/Grandpa -
Fathers/CN-II, Sunspot-II.

1942 MP-2-1 0015-0020/2-F/Torrington, Wyoming/-1-/CN-II.

1943 EP-1 Tuesday, June 13/14/2135-2140/3-F/Wall, South Dakota 1-1-/
CN-II.

1944 SP-2 Wednesday, June 14/15/1610-1615/7-F/Plankton and ven.^{S. Dak.} 1-1-/
3 Grandparents/Solar g^t filter/ Sunspot-II, CN-II.

Thurs. June 15/16/ clouds.

1945 SP-1 Fri. " 16/17/0930-0935/7-F/Manistique/-1-/
CN-II.

} same "day"

1946 SP-1 Sat " 17/18/~~2445~~ 1545-1600/~~te~~ 3-F/near
Sudbury - and Sault St. Marie/~~te~~/Sun filter/grandpa
Sunsp. II

1947 EP-18 (before 1945) Sat. June ~~17/18~~ 16/17/3-F/Manistique,
on N shore of Lake Michigan/28x30b/-1/CN-I, CN-II,
Aurora-I, U.S., -123.

1948 EP-1 (bef. 1947) 16/17/2130-2132/²/~~te~~-F/Manistique/-1-/CN-II.

1949 AN-1 July 3/4/2200-0300/9-10-F/Skycrest/
~~te~~-1 CN-III. 16" Maksutov.

EDT

1950E1 July 8/9/2200-2300/10-F/Skycrest/Little
Joe/-/CN-III.

19515 July 23/ Sun /1130-14230/10-F/Skycrest/
-/others - Dr & Mrs Brown/ Sunspots .16"
Maksutov, 8" Pegasus

1952EM July 24/25/ 2355-0130/10-F/Skycrest/Little
Joe/-/CN-III.

1953M-1 July 25/26/0000-0500/7-8-F/Skycrest/Little Joe,
Pegasus, Maksutov/-/Lenny Rachlin/Moon
photography, CN-III.

19545 (before 1953/ 25/26/1700-1800/Skycrest/Maksutov/
Hans Heilmann, James Roth/Solar work,

1955S ~~Jan~~ June 26/27/13 1500-1630/Skycrest/Maksutov/
others/Solar work.

1956S2 1830-1900/10-F/Skycrest/Maksutov/others/
Solar work.

1957EM 220-2100-0100/10-F/Skycrest/Pegasus,
Little Joe, Maksutov, 2" rz/ Brad Sonnenberg
Bill Meshel, Dave Waid, Got Josh Steier,
Miles Cohn, Alex Scheeline, G. Wandel/Venus, Mars
Alberio CN-III

EDT

* 1958EM

July 30/2200-0030/5-F/81 Skycrest)
at Little Joel & Bill Meckel CN-III
M-13 Mijar.

~~1958~~

SUMMARY FOR JUNE

SUMMARY FOR JULY

August.

- 1959S Tues. Aug. 1/1600-1725/7-F/Skycrest/Alakutov/
Brad Sommerberg, Miles Cohn, Josh Steier,
David Wald/Sunspot-II - 42 sunspots.
- 1960FM-1 Sunday, Aug 6/7/9 2300-0100/7-F/Skycrest/
Maksutov / - / CN-III (1h 05m)
- 1961EM-1 ~~Mo~~ Tues. Aug 3/9/2100-0100/5-F/Skycrest/Pegasus,
Little Joe/Brad Sommerberg, Miles Cohn, Billy
Shayne, Chris Schoenberg, Paul / CN-III (1h 5m)
- 1962AM-1 (before 1960) Tues Aug 1/2/2100-0430/
10~~9~~-F/Skycrest/Little Joe, Midas / CN-III /
Bob Friedman, Alex, Greg Wandel.
- 1963EM-3 Thurs. Aug ~~2/7~~ 10/11/2300-0330/9~~#~~ 10-F/
Skycrest / Aurora-I, CN-III. Meteor - est.
mag - 5 or -6.
- 1964 Friday, Aug 11/12/2300-0130/9-F/Skycrest / Ch-III /
~~at~~ Midas / Colonn Tongue.
- 1965EM-2 Tuesday, Aug 15/16/2100-0330/9-2-F/Camp Skycrest/
~~CN-III~~ Midas, Pegasus, Little Joe/Brad Sommerberg,
Miles Cohn, James Roth, Greg Wandel, Joshua Steier, David
Wald, Chris ~~Ste~~ Schoenberg, Bob Friedman, Mark Blatt,
Billy Shayne, Justin Cohen, Bill Meshel, Brad Hill,

EDT

Bern Schacter, George Strime, Dick Henderson,
Joe Vorozilchak

1966E-1 Thursday, Aug. 31/32 | 2200-2300/6-F/8/8/ Little
✓ Joe; with new A (Vorozilchak) Mount | -1-1 | CP-III

~~1967AN-45 Frado~~

see new diary

09 67

SEPTEMBER

1967AN5 Fri. 1/2100-0515/7-F/818+ven/ Little Joe/Cerry,
Ira Wechsler / CN-III, CN-V, art. Sat.

1968MP-2

0535-0537/7-F/818/-1-CN-V

MST

Continued from Log 19. 12 02

125735. Tuesday, December 18/19/1100-1200/10-F/Jarnac/
Mira/-/SS2: 5, 38. Also checked images
from last night's session. ACP2 detected
asteroid 2840 Kallavesi automatically as it
passed between α + β Geminorum.

12574E2. 2300-2315/10-F/Jarnac/-1-1 clear sky.

1258755. Wednesday, December 19/20/1600-1700/10-F/
Jarnac/Echo/Wendee/SS2: 3, 32.

12576E2. 2000 to 2310 110-F but wind from east/
Miranda^{Pegasus} and Little Joe, now called Minerva/
Wendee/CN3h: images. And a view of
Comet Linear, 2000WMI far to the south.
CN3: Catalog object near ϵ Linear -
NGC 7582 in Crux, elongated galaxy.
and CN3.5 min w/Miranda + Pegasus.

12577M35 0445-0730/10-F but windy/Jarnac/
Pegasus/Wendee/CN3fe TU Gw-14.6.