

1939

Jan 1

Happy New Year Everybody

Sunday

Temp 32°F
Wind West 12

Needham arrived 8:50 - seeing fair - halo around moon - limit of 10.5 near moon.

Left rug for shelter house also fire wood and sweeping sawdust - (got to keep clean for the new year)

Someone who seemed to know his way around here drove in route, drove to Phillips and back --- didn't bother to see who it was.

Climbing up 11:15 too hazy to see past 8 mag -

Observations 15 -

S Aurigae is about 2 mags fainter than minimum on swept and left 11:30 P.M.

Needham

Jan 2

Brincker, Mudge, Cooke & Halbach

9:00 - 6:00 P.M. Carpentry and wiring on shelter building.

Jan 7

Mudge & Halbach

9:00 - 5:30 P.M.

Built bunk into shelter Bldg. (Temp 35°)

Jan 8 - Sunday

Temp 36°F - Calm - Clear ☉

Needham arrived 8 P.M. "stuck in mud"

Ball (A.R.)

Brought another (worse) rug - put in "club" to dry.

Built left around 10:30 - Obs - 11; MS - 10

Climbed up around 11:30 - left after 12:00

Obs route 19 - MS 34

Monday, Jan. 9, 1939 — Temp 50°F Wind S.W. Very strong.
Sky clearing patches ^{from time to time} thunderstorm in Milwaukee 7:45.
A. Ball arrived 7:50 left 10:00 Two visitors; 10:42 M.S. 11.

Wed Jan 11, 1939.

John Ball, Jr and S. Riegelman arrived 7:24, temp 19.
Albrecht here and observing. Wonderful sky (while
it lasted) 5 obs. Ball, S. Riegelman. Riegelman petitioning
for members here today. Sky clouded suddenly about
10. Adjourned to shelter and waited. Albrecht left
at 11. Ball and Riegelman at 12:08 Beginning to
snow. No chance to work further. temp 20.

J.B. Jr.

~~Am still~~

Note: Delivered a talk today on behalf of society
at Kosciuszko Jr. Trade School before assembly.
Will still donate services and fee earned for any
magical date arranged by society. Would respect-
fully request this be announced at meeting. 73.

J.B.

Sat: Jan. 14.

Hallbach, Cook, Majes and Albrecht.
came out in morning. Fixed the
pipe and painted. It snowed all
day long. Left about 5:00.

Albrecht.

Fri. Jan. 20.

A.R. + J.D. Ball and S. Riegelman arrived 9:00 P.M. Temp 25°F. gentle S.W.
wind. Sky clearing in Milwaukee at departure but all clouded here.
Left at 11:00

Saturday. Jan. 21/29.

Hallbach, Cook, Albrecht + Majes. 9:15 A.M. / 4:30 P.M.
2. 2. 2. 2. 2. 2.

Sunday Jan. 22 6:15 P.M. +2°F Gentle W wind; sky clear
 A.R. Ball arrived 6:15, left 10:00. Tonight - 10; MS - 21
 Needham arrived 7:30 - Exceptionally clear -
 Ball left 1000 P.M. W
 Needham left 12:30 A.M. - month kind 56 tons 21
 seeing very good tints --

Tuesday Jan. 24th/39 H. Albach and J. Mayer.
 Arrived 9:30 P.M. Left at 11:45 P.M.
 Temp 18° Sky overcast. Temp.
 Sky overcast, put up shades in shack;
 R. Mayer.

Saturday Jan. 28th/39.
 Arrived 9:10 A.M. Left at 5:00 P.M.
 Temp. 28° Temp.

H. Albach, Albert, Mayer.
 Painted Windows, put hinges on windows,
 cleaned up shack.
 Snowed all day. Vis. Poor.
 R. Mayer.

Jan 29, 1939 - Sunday.
First meeting of observers.

E. A. Halbach.

E. B. Dickmann

Jack Schmid

George Dieckrich

A. Ball

John Ball, Jr.

R. Mayls.

~~W. H. Albrecht~~

Ed. Schoenke

C. M. Punsilow

Edgar Wight

Herbert W. Cornell

L. Armfield

Herbert L. Grunwald

Harvey Seibel

Carl C. Needham

P. D. Locke

Jan. 30, 1939 -

R.D. Cooke - arrived 8⁴⁵ P.M.

Unable to get time signals - Left at 11⁴⁵ P.M.

Friday, Feb. 3, 1939 8:00 P.M. $+7^{\circ}\text{F}$ Wind N.W. fairly strong

A.R. Ball, — left 12:05 - Tonight - 12; M.S. - 12; Y.S. - 33

John Ball, Jr. — 12:05 - " 11; M.S. - 11; Y.S. - 16

Jack Schmid	} arrived at 9:43 P.M.	{ MS - 6		
Ed Halbach			} Slept until 12:00	{ MS - 20
John Kniss				
Left at 16:30 (Temp. = 0°F)				

Saturday February 4th/39.

C.M. Crislow.

J. Diedrich.

R. Mayer.

Temp. 21°

Arrived 8:30 P.M.

Left 2:00 A.M.

Sky Overcast.

The first good car, too come up the drive.
It's the California weather.

Radio sounds like
Made up monthly reports & star charts.

Monday February 6, 1939 Temp. 30°F Strong N.W. wind.
at 7:45, cleared a little later which lasted just long enough to see
the clock and get up the ladder observe UV Pers. Very strong
wind. What's wrong with the radio?

A.R. Ball 7:45-10:00 P.M.

No visitors

John Ball, Jr.

Wed Feb. 8.

Albrecht and Schmid arrived at 7.00
Temp. +8°. Observed half hour intervals.
Very Clear: 15.0 easily. Prinslow
has not the only car that can climb the
hill. If you don't like the radio hook
on the aerial. We wanted to see the comet
but came out too late. Maybe some one
else wants to try. It is in South edge
of great square of peg. Feb. 5. 6:00. C.S.T.

63° Inclination. Feb.
Moving South & East.

23h 38.6^M + 13° 13'.
56,500,000. Miles.
9. 6:00 C.S.T.
0h 15.8^M + 6° 7'.
50,000,000. miles.

Fri Feb. 10 +1°F; sky clear; very strong N. wind,

A.R. Ball and John Jr. arrived 8:30
Temperature 1 (+). At 15 minute sight to get the slit open.
Could make a crack, but went. Ice noted on obs
floor, Fine sky.

How to turn the dome when all else fails - Climb up
into the slit and put your back against the edge
towards which you wish to go. Put outside foot on
slit track, with other walk backward on inside
ledge. This makes it comparatively easy / J.B.R.



This does the work

L ft 12:30 0°F
A.R. Temp 8; N.S. 20; Y.S. 21
Jfr. " 8; N.S. 19; Y.S. 24

38
R. Mages and G. Dieckrich arrived at 8:00 P.M.
Shed observation apices. Clouded up. Got
room temp. from 41° to 65°. Slit won't close.
Left 10:45 P.M. Sky clear — above cloudy.
Mages' serial (yearly + monthly) — 1
Dieckrich's attn — 14
good work
on the
aurora
bore!

Feb 19-1939

Second meeting of Observers.

C. M. Prinslow

Jack Schmid

Sid Riegelman

John Bell, Jr.

George Dieckrich

Edwin Schoenke

SP Ball

Elizabeth Wright

Harvey Seibel

E. A. Halbach.

R. E. Cooke.

R. F. Mages.

Monday, Feb. 20, 1939

SP Ball, John J. + Sid Riegelman arrived 7:40. Temp. 42°F Wind
mild, N.W.; sky cloudy. Left 10:01. No sky; — no visitors.

We done our duty B.J. H.B.

Wednesday Feb 22, 1939

W. Albrecht, Jack Schmidt and John Bell, Jr. arrived 7:30. Under-
cast sky, temperature 7, W wind about 10 m.p.h.

Check 060547 55 Aur. It is 10.9 It
is supposed to be fainter than 14.

Tabbet visited until 1:00. Took J. Schmidt
home with him.

Closed up at 5:00 A.M. Hazy now.

Friday Feb. 24, 1939 Sky very clear; temp. +6°F slight W. wind

SP Dall + Sid Rieghman arrived 7:50; found Seibel and Schoenke waiting for Halbach, who arrived at 8:30 with Magee and Schmidt.

A.R. Bace - Tonight - 8; M.S. - 37; Y.S. - 58 } left 12:15

Sid Rieghman " 3; M.S. - 15; Y.S. - 20 }

Ed Halbach left with Seibel to get a camera to take pictures of Aurora. Left at 11:50 P.M.

Schmidt made some observations, while Magee carried on with the Aurora project until 14:00. Halbach and Seibel continued

observing the flaming aurora until 17

About 25 photos taken by Halbach.

Halbach & Seibel observed a few variables.

(M.S. 75)

(M.S. 3)

Temp. -1°

Y.S. 75

(Y.S. 3)

Beautiful

Saturday, Feb. 25th Sky clear. Temp. 50°
 Prinslow, Schoenke, Magee, Shock Temp. 50°
 arrived 8: P.M. Left.

Sky closed up at 9:40 P.M.
 Lifted again at 10:30, but sky closed over again.
 We managed to get one observation apiece.

Sky clear, — above clouds.
 What do we have to do, to get a clear night

Goodnight 11:30 P.M.

R. Magee. Temp. 15°

Sunday Feb 26th

Temp 18°

Pinslow & Mayes.

Arrived 9: P.M.

Left at 12:15 A.M.

Lights in shack were out, found that ground wire have broke, between feeded line, and switch. One hour stop. Sky very clear. To bad we have to go home.

Pinslow 1(4) obs.
Mayes (3)

R. Mayes Temp 18°

Wednesday March 1, 1939

Wm. Albrecht, John Ball, Jr arrived 7:45, Temp 17. moon in Gem, very bright, dammit. Bright aurora, Albrecht taking pictures of aurora. No matches in shack, neither of us smoke.

Ball M.S. 14 Y.S. 83 ALBRECHT M.S. 3.

Left at 12:00. TEMP. 16.

Friday March 3, 1939

Temp. +32°F. slight S. wind.

A.R. Ball, John Ball Jr. arrived 8:15, found Hallbach engaged in Armfield's profession. Clouds kept moving intermittently across sky, making observing very unsatisfactory; moon almost full.

10:17 First conversation on phone between office and observatory, B.R. Ball, E. H. Hallbach. All souped over about 10:15

We all left about 12:20 John Ball Jr. 9 obs; M.S. - 23; Y.S. - 92.

Saturday March 4th

Temp. 38°

Sky cloudy.

Wm. Adreight & R. Mayes. Arrived at 9: A.M.

Replaced wire broken and side of shack.

Cleaned the shack and obs.

Ed Hallbach arrived at 11:15 A.M.

Put in wiring for telephone.

A.R. Ball arrived at 1: P.M. Brought out battery for phone.

Left at 3: P.M.

R. Mayes.

Monday 3-6-39.

Temp. 12°

Prinslow, Mager, — Mrs - Miss Prinslow.

Arrived at 7:45 P.M.

Left at.

Temp. 10°

Sky cloudy, open in spots. Made two observations.

R. Mager.

John Ball arrived at 9:00 P.M. with two friends.

and left about 10:15. Saw the nova in +
Taurus. Lots of snow on B.

March 7, 1939 - Tuesday.

Mager, Schomke & Halbach arrived at 7:45

(4-9) (2-) (5-75)

(Temp. + 14°, +

Seibold arrived at 9:30

Clouded up at 9:00. Left at 11:00

March 9, 1939

Sid Riegelman, Mr. Heckenkamp, J. H. Ball, Jr. arrived 8:10. very
sky which soon clouded. Mr. Heckenkamp left about 9
Ball and Riegelman left 11:30, seeing very irregular, temp.
sky gone at 11:30.

Ball	5 obs	m.s.	28	y.s.	97
Riegelman	1 obs	m.s.	1	y.s.	22

March 12-th 1939 - Sunday.

Arrived at 7:30.

Temp: 26°

Sid Riegelman George Dietrich, Prinslow, Mager
Thamrel Billy Albrecht at club house.
George Dietrich worked on Aurora reports, Mager
and Riegelman, Prinslow, made some observations.

Mager (5) 0, bs.
Riegelman (5) 0, bs.
Prinslow (2) 0, bs.

Saw zodiacal light when
we arrived at 7:30
Left at 11:15 P.M.

(over)

X. Mager

March 12 (Contd.)

E. Halbach — 12:15 — 16:00

MS-29, Y.S.-104 (Clouded light at 16:00)

Mar 13 - R. B. Cook & J. Mages - arrived
8⁰⁰ P.M. Left 10⁰⁰ No visitors

March 16th 1939.

Temp. 15°
Sky a bit cloudy.

Arrived 7:15 P.M.

Halbach + Mages. joined Mr. Heckenkamp
waiting...
Heckenkamp left at 10: P.M.

Left at = 13:40

Temp: 10°

(Halbach) (Mages)
(MS-48 YS-123) (11-28)

Sky: Clear
R. Mages

Friday, March 17, 1939 (sorry I have no green pencil)

A.R. Ball, Sid Riegelman arrived 7:45, Temp. +12°F, gentle
N.W. wind. Sky clear upon arrival, but soon became soupy.
Light snow in air while zenith was open. We worked a little
while had to quit, worked some more - complete black-out at
12:00. Left. Temp +10°F.

A.R. Ball To night - 4; MS-4; Y.S.-62
Sid Riegelman 3; 9; -28

Note: Telephone bell in office does not ring.

Saturday March 18th / 39

Arrived at 8: P.M.

Temp. 11°
Sky clear.

Rundow, Dietrich, Schwenke, Mages.

Sky closed over 13:20

Left at 14:45.

Dietrich	6 obs	AANSO
Rundow	6 obs	"
Mages	12 "	"
Schwenke	12 "	"

Sunday March 19-39

Third meeting of Observers at Observatory

Temp. at 2:00 P.M.

6 m Prinslow

R. Mayer.

E.A. Halbach

Daniel W. Moore.

W. Ball

Wm. Ballbrecht.

Ed. Schenke

George Dietrich

Harvey Siebel

Sunday Night March 19/39 Temp. 22

Arrived at 9:30 Sky cloudy.

Left at 10:15 P.M.

Siebel & Mayer.

Temp. rising

Lo. Night.

R. Mayer.

Monday Night.

Temp. 22°

sky clear

Prinslow, Mayer. Arrived at 7:20 P.M.

Left at 10:30 P.M.

No visitors

11 observations clouded over at 10:20 P.M.

Tues. Mar 21. First day of spring
Temp. 40 at 7:00.

Albrecht - Mages. Came out at 7:00.

Seibal arrived later. Northern Lights
visible after 9:00. Nothing spectacular.
took some pictures mostly star trails.

Left at 12:30 Temp 30.

Mages. 25 obs. Albrecht M.S. 25 No Fire Needed

Seibal stayed on, after we left at 12:30
Mages.

Wed. Mar 22.

Albrecht & Mages Arrived at 6:30.

Temp. 32. Northern Lights

Albrecht M.S. 46

Left at 12:00.

Mages. M.S. 81

No Fire.

Thurs 3-23-39

Penslow & Heckenkamp.

Arrived at 9:00 PM Left at 12²⁵ AM

Heckenkamp. M.S. - 4

No. Aumun

Penslow M.S. - 16

No Fire

Temp 38°

Fri. March 24, 7:45 P.M. 60°F Mild W. wind, clear sky.
A.R. Ball, Mages, Albrecht (9:30)

Clouded over at 11:40. Temp. 53.

Left 12:45 A.R. Ball - Tonight 11', M.S. - 15', Y.S. - 73
Mages - Tonight 11', M.S. - 92', Y.S. - 97
Albrecht - 2', M.S. - 48', Y.S. -

Sat. Mar 25 Albrecht & Mages Arrived at 7:15 Temp. 58.

Cloudy in first part of evening. west wind.

Dieckrich & Prinslow came out 8:15.

Clouded over tight at 11:30. Went out for

Albrecht M.S. 66 Canoe left at 3:30.

Mages, Dieckrich and Prinslow went
at 4:00

Dieckrich M.S. 8 -

Mages M.S. 108 - Y.S. 113

Albrecht Left at 6:30 A.M. Raining

Sunday March 26th/39

Temp. 32°.

Riegelman & Mages - Arrived. 7:30

Mages 17 obs - 125 M.S. 130 Y.S.

Riegelman 17" - 26" " 45" "

Good night. R. Mages,
Left 11:15 Temp 3

Monday, March 27. Al Ball arrived 7:30 P.M. Temp. 22°F.
Sky clear with scattered clouds, wind E.N.E. not very strong.
Sounded up at 9:00. No observation; 6 visitors left 10:15

Tues. Mar 28 Albrecht & Magee Arrived at 7:00 Temp. 23°
Aurora started at sun set. At 8:27 it was
the brightest either Magee or I have ever seen.
It had all the colors. Red Green Yellow purple
blue
It lapsed into quiet forms at 10:00.
At 9:00 the light wire outside the shack snapped.
We worked until 10:00 to get a new wire in.
I took about 16 pictures. I hope they turn out.
Seibal and Schoenke arrived at 9:15. They
wanted to be taught how to use the 73".
Seibal M.S. 15 Went Home at 12:15
Schoenke M.S. 16 Temp 20°
Magee M.S. 136
Albrecht M.S. 79

March 30th 1939
Heckenkamp & Magee Arrived 7:45
Temp 29°
Magee 12 obs. M.A.S. 148. Y.S. 53
Heckenkamp 6 M.S. 10 Y.S. 10
Left 11:15
Temp 29°
Sky clear.
R. Magee.

March 31, 1939 9:00-9:40 Temp +42°F Sky completely
overcast. No use trying. AP and John Ball Jr.

Fri Mar 31, 1939 Cooke brought out radio receiver for time signals to try out. Signal strength very good compared with that in the city. (N.A.A. - 113 1/2) Arrived 9
Preparing for occultation at 12⁰⁰

Sat. April 1. Temp 32 + Albrecht Mages & Regelmann came out at 9:00. Cleaned up observatory and shack. Mages put drapes up. They left.
Albrecht Mages came out at 7:15 Temp
Mages M.S. 23 Y.S. Prinslow came
Albrecht M.S. 23. 9:00. M.S. 12.
Aurora came out for little while.
Left at 2:45

Sun Apr. 2 Albrecht came out at 7:15 Temp 30°
Moon very bright.
M.S. 41. Went Home at 10:00.

Monday. April 3rd 1939.

Diedrich, Halbach, Kuyjak, Mages. Temp. 28

Arrived at 7:30 P.M.

Found B. Albrecht + Mrs. Cook at clubhouse.

Put up curtains on bank.

Mrs. Moore came out with two visitors. Closed up at 10:20 (Temp 25°)

Albrecht M.S. 50.

sky clear even
Full Moon.

R. Mages.

April 4, 1939

Hallbach & Schenke arrived at 8:30 with the
Lavenport from Cornell's. Haze and clouds made
 observing impossible. Left at 9:00. Temp. 28°F.
Full moon

April 5, 1939. Albrecht & Mages arrived at
 7:15. Temp. 32°
 Albrecht M.S. 71 Y.S. 168 Went Home at 11:30
 Mages M.S. 44 Y.S. 198 Temp. 28.

Friday, April 7, 1939 Ball & Ball arrived 8:00 Temp. 25°F. Sky
 perfectly clear in Milwaukee, completely clouded here upon arrival. Had to
 wipe snow from thermometer and bars in order to find them. It started
 snowing again at 8:15. It cleared a little later, but intermittent clouds
 made observing impracticable. Left at 11:30

Monday April 10

Purslow & Mages.

Temp. 30°

overcast 7³⁰ PM

Temp 30°

Left at 8:30.

Sky overcast.

PMages.

Wed. April 12, 1939

Albrecht, Mages & Halbach 7:15 Temp. 30°
 Albrecht M.S. 94
 Mages M.S. 67 YS220 Left at 13:45.
 Halbach M.S. 34

Fri. April 14-15

Albrecht & Mages arrived at 7:45

Raining and foggy.

Brought Map Cabinet out. Sorted according to numbers & hours.

Saturday afternoon April 15th 1939

Arrived at 3:00 P.M. Temp. 52°

Halbach & Mages.

Brought apt Radio Transmitter & R.
 Put map box on wall. (What do you think?)
 Halbach killed two rats in  house. (---)

Left at - 5:15 PM Temp. 48° ^{comp. station} Wind N.E.

R. Mages.

Saturday April 15th.

Arrived 7:45 - sky cloudy 40°

Prinslaw Albrecht Mages... J.

Prinslaw & Mages started working on the star maps at 8: P.M. finished at 3: P.M.
 Albrecht went to bed, he was out to North Lake, and we could not get any work out of him to-night.

Left at 3:15

Temp 30° Sky a
 Wind N.E.

R. Mages

Sunday, April 16th 1939.

Monthly Meeting of the M.A.S. Observed.

Roland Mages.

Edwin Schoenke

George Dietrich

John Ball, Jr.

Sid Riegelman

Jack Schmid

Wm Albrecht.

SR Ball

RR Locke

Prinslow

Wed: April 19:20

Albrecht & Mages arrived at 6:30.

Temp 30°

Temp.

Mages. Obs. 20 M.A.S. 87 Yr. 240

Albrecht " 20 " " " 114 " 201

Left at 12:15 AM. Sky clear.

Temp 30°

Aurora visible all night.

R Mages.

Fri April 21-22 Temp 34°.

Albrecht arrived at 11:00. No one else here so I observed variables. Two Deputy Sheriffs came in at 1:30. I showed them around. Left at 4:30. Temp 30° M.S. 143 Y.S. 230

Saturday. April. 22nd/39.

Arrived at 9:45 A.M. Temp. 45
 Halback, Miss Halback, Sid Regier
 A.R. Ball, Escher, Mages.
 Planted shrubs, or (trees). Left
 at 2:30 Temp. 56
 sky clear, wind S.S.W.
 X. Mages.

Sat. April 22-23 Temp 67°

Albrecht Arrived at 3:30 P.M.

Cook came out with a friend at 4:00

Pinstaw, John Ball, R Mages, arrived
 7:45 P.M.

Mr. Cook, and Ray Cook, Jack Schmidt arrived
 at 12:55 A.M.

Mr. Ray Cook, had his position camera,
 & two-way radio connection, between M.

Observatory W9UGF - and W9NHU at 1

First contact made at 8:45

Off the air 4: A.M.

Left at 4:15 A.M.

Temp. 48°

sky cloudy.

X. Mages.

Joe Schmitz (W9AIO), A.R. Ball, Diedrich and Halback
 at Beaver Dam station. Moved to Burdette, Wis. at
 1:30 until dawn. Photographed aurora. 2 meteors photo
 in daylight. Moon clouds

Liquid Meteor shower

Sunday April 23 Temp 70°

Ceil, Ed, and Mrs. Halbach trimmed the newly planted shrubbery and planted iris. Left at 4:30 PM

April 23 Temp 71°

Prinslow check time & reports
4:35 PM to 5:10 PM

Monday April 23 Temp 60°F - Strong S wind hazy
Seedham arrived 10:20 PM - left 11:20
Very hazy - too lousy for sewing - 8 hrs 3

Monday 4-24 Temp. 59°

in House

{ Prinslow & Meges

2 Visitors

arrived at 7:15 PM Left 12 Mid

Aurora & Maps.

Halbach 13:00 - 15:00

(64-207) Temp 54°

(Aurora until dawn)

Tuesday - April 25, 1939

Schoonke & Halbach
(66-209)

8:00 - 9:45

Temp. 67°

Electrical storm arose.
Clouds made observing almost impossible.

Wed. April 26. Temp 58°

Albrecht & Mages arrived at 7:00.

Cook was observing an occultation.

Halbach and his sister came out and planted a few flowers. Went home at Midnight.

Albrecht M.S. 178 Q.S. 265

Mages M.S. 118 Q.S. 271

Found 2 rabbits and a rat eating the new shrubs. Temp 52.

Fri. April 28 Temp. 45 N. wind

A.R. Ball and Schenke arrived 7:30; a few clouds in sky, which disappeared early, & day moon.

Ed. Halbach arrived 11:45 with camera; installed same and made test exposures of moon and Spica until 13:30. Left at 16:00

Temp 33°F. (78-221)

A.R. Ball (8-13-86) left 18:00 Temperature 37
Schenke (8-9-25)

Sat April 29

Prinslow - Diedrich - Albrecht - Kengiak

Arrived 8⁰⁰ PM Temp. 51°

Observed a few variables. Sky cloudy. Could actually see 12.5 at times.

R.D. Cooke arrived at about 11:30, observed over and left about 12:15 A.M.

Left at 11:00 A.M. Temp 42°.

Sun April 30

Prinslow arrived 8²⁰ PM left 8³⁰ PM Report

Sun April 30 32°F - nearly full moon - clear

Full
Needham arrived 8:40 - missed connection with Piegelman - all alone. Scope works lousy with camera attached - Drop like a "meteor" in declination - and falls against the pier in R.A. Had a tough time trying to get things organized -

Sunday April 30. cont.

Got 6 variables in 2 hours - Full moon "screens" up the works - Had to use some of the 8" maps to find anything at all. Crane who started at 11:20 and started fire in stove - thawed out - resumed observing at 12:55.

Left 14:30 - Obsolete 12 - MS-15
(Needham)

Took along set of meteor maps for use at Greendale

Monday May 1st Arrived 6:45 PM

R Mayes. Temp 32°

W. Ball and John Ball Jr. arrived 7:40

Pennison " 8⁰⁰ PM

Cooper " 9⁰⁰ PM

Movies taken starting at 9⁵⁰ PM of spin before and during Occultation

1 seen during Occultation and each 30 sec after

Tuesday May 2nd

Schwenke (8-)

Hallack (20-241)

8:45 - 12:30

Temp 34 to 32°

No wind - full moon

Thursday May 4

Elbrook arrived at 4:10 Temp 69°

Thursday May 4th / 39

J. Schmidt, R. Mayes.

Arrived at 7:10
Temp. 59°
sky - passing
Full Moon.

J. Schmidt. M. obs. 17- 287.
R. Mayes. " " 17- 288.

Full Moon rising 12.4 to 12.9.
Aurora at 10:25 to 11:12 p.m. #III.

Moon spoiled the night
Left at 12:30 Temp.
Sunlight. R. Mayes

John Ball, Jr. arrived 7:30 with two guests. Beautiful night.
Showed common objects, explained etc. R. Ball arrived 10:15, got
lost. Moon up. Ranger work 10:30. Temp. 62°F. S.W. Breeze.
Left 12:30. AR. Ball - 9-9-95

Sat. 5/6/39 Albrecht & Halbach 9:30 - 3:00 PM

Worked on club house roof and removed wood
from observatory. Placed rat poison. Temp. 8-

Prinslow and Diederich arrived at 8:15 P.M.
Temp. 64° a sky grew darker as aurora was
seen more plainly, till at 8:40 or so a definite
H A was seen. Details on report later. Very low
band H B seen S-E with going out moving back
E to W, and having no apparent connection with
H A and R A in north. Prinslow and Diederich
observed 6 variables. Sky getting muggier
Temp 62°. Left at 1:00 A.M.

Aurora card sent in

Tuesday May 9th 1939.

Arrived at 8: P.M.
Temp. 61°
Sky Cloud

Mr. Cook, Ed Halbach, C. Schoenke, R. Mayes.
Mr. Cook mounted the 8" scope.
Ed as his helper.

Party of 15 children, from some church were here for a
Mayes, Schoenke made 5 observations before
children got to bed.
Left 11:14
R. Mayes

Wednesday May 10th 1939.

Albrecht & Mayes. Arrived at 7:30 P.M.
 Temp. 50° sky cloudy.
 Wind N.E.
 Had a fine game of sheephead
 (looked for a few rats) ? 
 Sheephead game ended - Bill 40 RM. 36
 (some fun)
 sky cloudy.
 Left at 10:30 P.M.
 Temp. 47°
 20's each. Albrecht & Mayes.

Halbach 12:45 - 15:30 Temp dropped to 33°F
 (31-272) Clear.

Thurs. May 11, 1939. Looked - worked on
 8" scope 9⁰⁰ A.M. to 2⁰⁰ P.M.

Thursday May 11th 1939 Temp 38°
 Schoenke, Mayes. Shack 60°
 Reigelman & Schmitz at 11:00 Arrived at 7:30 P.M.
 No wind - sky clear.

John Ball, Jr. arrived 11:00 with guest (by permission)

Mayes. M. 46 V. 317 Temp. 30°
 Schmitz " 32 " 58
 Schmitz " 27 Left at 14:00 Sky Fair
 Starlight R. Mayes.

Friday May 12th 1939 9:00 37°F Sky cloudy
 M. Ball & John Ball Jr. Small holes in clouds, but not enough
 for observing. Left 10:30

Saturday May 13th 1939

Albrecht	Reigelman.	Arrived at 8:
A.R. Ball	John Ball Jr.	Temp. 59
Mr. Cook	Miss Halbach.	Sky clear.
Ed Halbach	D. Moore.	
Mages,	John. Stuart Jr.	

Left at 5:
cut grass, cleaned up lawn, Temp.
jacked shack up, and dug trench around
the shack for footing sand blocks.
Brought up sand and gravel from
Miss Halbach worked on the gas
(a good job.)
Billy Albrecht killed a ~~snake~~ (to

R Mages

Saturday May 13, 1939.

Princeton, Albrecht, Mages, Karside, Dietrich
arrived at 8:40 P.M. Temp. 47°. No wind.

Sky clouded up more and more.

Temp. at 11:30; 49°. Observation in 2½ hrs.

Left 12:10 A.M. No aurora

108 Sunday April 1, 1939,
May

C. M. Prinslow
E. A. Halbach
Ed. Schenke
Earl C. Needham
George Dietrich
R. Mayes.
Wm. Albrecht
A. B. Ball
S. Reigelman
Jack Schmid
Darrell W. Moore

Observers meeting

Monday, May 15, 1939 7:25 P.M. Temp. 39°F No wind
Very cloudy, but some clear spaces. A. B. Ball - John Ball Jr. in charge.
Dr. Ball present and 4 guests

Tuesday May 16, 1939

Cecil & Mrs. Halbach } 7:45
Schenke, Mayes & Halbach }
Prinslow & family } 9:00 - 10:00
Helped prepare ground for flowers.

Halbach (76-277) Left at 12:15 Temp 4°
Schenke (35-61)

Wednesday May 17th

Arrived at 8:30 P.M. Temp. 45°
Reigelman & Howard Mayes. Temp 41° Left at 12:00 P.M.
Made a few observations with new sun. Arrived at 9:00 to 10:00

R. Mayes.

2478

Friday, May 19, 1939 8:30; 65°F No wind; sky clear
 Some wind about 10:00 brought scattered clouds, cleared till 15:00, left 20:00

AR Ball 10-19-105

John Ball Jr. 14-14-111

Sunday May 21, 1939 2 to 4:00 PM Mrs Halbach &
 Cecil Halbach turned a few spadeful of grubs in
 flower beds.

Monday May 22. P.D. Cooke arrived 7:30
 About 15 visitors from Marquette & were
 here with Mr. Pett. Clear till about 8:15
 started to rain at 8:30,
 Clear again at 9:00 checked alignment of
 8" scope. all O.K. Left at 9:40

Tuesday May 23 ^{and} /39
 Halbach & Mages. Arrived at 9:00 P.M.
 Temp. 43°
 Sky clear.

Halbach.	Obs.	M.S.	Y.S.	Left at 12:05 Temp. 42° sky. Clear.
	13	89	290	
Mages.	10	80	351	

Aurora at 10:45

Deep blue with Royal bands,
 35° above horizon, (note,
 on board.

R. Mages.

Wed. May 24.

Albrecht & Mages arrived at 8:00. Hazy at
 horizon Temp 53.

Rigelman & John Steward Jr. arrived 8:30.

Handed over at 9:30,

seeing 8. ^{4m}

Steward found a (..)

Temp. 53°
 Sky Cloudy
 seeing - Janssen.
 Bill Albrecht.

Sat. May 27, 1939

Halbach, Meyer, 11:30 - 5:00 } forms made for
 Brinslow 2:00 - 5:00 } wall under shelter

Cut Halbach 11:30 - 5:00 Mowed lawn

Sun May 28, 1939 Temp 45°F - Calm

Needham arrived 12:30 - cloudy
 Was clear at 1:00 at Greendale - Aurora -
 Sent in an Aurora Post Card to Hartlein from
 Greendale -

In between clouds got 2 variables -
 Clouded over at 14:00 - left 14:00 -
 Still a glow from aurora in between
 clouds

Monday May 29, 1939 7:30. Temp. 60° Air calm, a few clouds
 at horizon.

Fred Canyon - R. Mayer. 8:00 P.M. too 10:45 -

10:30 --- Carolyn Nichols Kliman arrived - gasped, gaped,
 then gloried in the new additions to the observatory
 site, and regret being only a passive member now.

J Ball, Jr arrived 7:45 with 2 guests. Four more
 waiting. Quite a number of guests during the even-
 ing. 2 of Waukegan's Finest included. Miss note except
 for moon. L.S.T. 11:30 about 20 visitors

|| Same day Monday May 29, 1939 ||

After locking up and getting into cat, decided to work

J Ball 6 m.s. 20 y.s. 117

J Stuart 5 m.s. 20 y.s. 26

H. very assisted

L.S.T. 1:30 nice nite.

Tuesday May 30.

Halbach 9:15 - 1:45 (132-333) Temp 72-6

Worked for first time in shirt sleeves.

Wed. May 31.

Albrecht & Riegelman arrived at 8:30
 Hazy. With scattered clouds Moon almost full.
 Riegelman M S 19. Left at 10:45.

Too light and cloudy to
 see anything fainter than 11.
 Several thunder storms
 on around the Observatory.

Sat. June 3.

Temp 60°F

Esch, Albrecht, Stewart & Halbach 9:30 - 4:00

- Loaded gravel and cement mixer in preparation
 for pouring slab house wall next week. Out late.

Will we have a gang for pouring
 concrete next Saturday?

If so, sign here.

- | | | | |
|---|-------------------|----|---------------|
| 1 | IGOR IVITCH | 7 | CHES. T NERT |
| 2 | Ima Mertzball | 8 | |
| 3 | U. R. A. Johnboll | 9 | <u>Prince</u> |
| 4 | HARRY APE | 10 | |
| 5 | AXEL GREEZ | 11 | |
| 6 | AL E. BEER | | |

Sat. June 3, 1939 (Continued)

Prinslow, Kenzels, Diedrich arrived at 8:52 P.M.

Temp. 53°.

Monthly Savals:

Prinslow - 5

Kenzels - 5

Diedrich - 13.

Dawn broke at 2:50 A.M. Temp 52°. Slight wind
Diedrich saw markings on Mars.

Left 3:30 A.M.

Sun. June 4, 1939

Temp 57° F - Clear

Needham arrived 9:30. slight haze in
parts of sky -

Prinslow dropped in for about $\frac{1}{2}$ hour.
Moon just past full seeing limited to around 12^m
Started to get light 14:45 - stopped observing
From 13:00 to 13:30 observed Mars thru 13"
and Tebbels 8". Etc. 8" had a point or two
more of definition. Some markings on Mars
seemed near center running from top to bottom
as seen in eye piece. In between flickerings
of image markings seemed to take on
straight lines with a predominance forming
on right. Two polar caps were visible thru
atmospheric fluctuation - Markings might be
shown as: (F)

Left 15:15 - Obs. time 22 - Y.S. - 96 - temp 54

Monday, June 5, 1939

Temp. 70° F Sky clear, slight W. breeze

APDad arrived 7:30 with one visitor, 2 already waiting. About 20
visitors altogether.

Thursday June 8th/39

J. Stuart, Schmid Mayer.
Mr. Heckenkamp arrived
at 9:00 left at 9:45

Arrived at 8:00
Temp. 65°
sky clear
No wind.

J. Stuart. obs. 7 am
6 22
Mayer. 10 361
Schmid.

sky clear no aurora
Would have liked to stay
out longer, but the bugs
had to be in school; tomorrow.

Left. 12:15 P.
Temp. 62°
No wind.
sky clear.

R. Mayer

Some night. 12:18 to 15:30

Halbach (36-370) cloudy at day break

Slept until 21:30. (Upper bunk not too soft.)

Sat June 10 - Arrived at 9:30 Raining.

Halbach. Poured concrete around
a Cache. Shelter building. Rained all

Stuart
Schmidt.

Moore.

Albrecht. Temp. 60°F

Went home at 2:00 P.M.

Sunday June 11-1939 - Temp 50 - Wind N.W.
Partly cloudy - Needham arrived 9:10
observed till 13:30 - 6 clouds up - obs - (17) -
Viewed Mars route - appeared to be markings across
planet. Visibility too hazy to get much definition
Aurora for awhile - 12:05 - 12:30 - very faint -
Sent card to Hartman - Needham - left 14.

June 12 - Monday Halbach in charge 8:30 - 11:00
 John Ball, Jr. } and two guests
 J. Stewart } (39-373)

Mrs. & Mrs. Tabbatt

J. Ball arrived 7:35 - 3 cars waiting, no one here. Opened up, took care of visitors, etc. till about 9:30.

Tuesday June 13th

Mages.

Arrived 7:30 Temp. 50°
 sky cloudy.

Put up show camp, and HAYSO uparts.

Aurora at 9:20 made 6 obs but stopped

to write up Aurora. Went to call up

Halbach for a camera. Left at 10:25
 Temp 52°

Mages.

Thursday June 15th

J. Schmidt

8 obs.

Arrived at 9:00

J. Stewart Jr.

7 obs

Temp. 54°

R. Mages.

10 obs

Sky cloudy no wind.

(sky cloudy, closed up)
 astronomy was poor.

Temp. 48°

Sky cloudy

Aurora - Glow #3.

Left at 12:00

Mages.

Friday June 16, 1939

Sky partly cloudy; temp 77°F;
 fairly strong S.W. wind

A.R. Ball 8-8-113

arrived 8:45 left 20:00

Mr. & John Ball, Jr. 11-11-128

13:40 - 14:00 - wind changed to E., temp fell to 58°F, "enough on".

Telephone in dome does not ring.

WHEN DO I GET MY CLIP-BOARD?

Who??

Saturday June 17th 1939.

Mayer & Prinslow & Miss & Mrs. Prinslow
& dog. Stuart. A. Erche.
Moore & nephew.
Cut grass, and put
flocks under club house.
faded up shock ...

Arrived at 18:45
Temp. 65°
Left at 6:15 -
Temp. 60°
Sky cloudy. Wind
R. Mayer.

Sunday. June 18th

Meeting of Observers.

Albert H.

R. Mayer.

Riegelman

John B. ...

A. D. Cooke

Prinslow

Special

Ed. Schantz

George Dietrich

for R. Stuart for

Carl C. Needham

Darrell W. Moore.

Needham arrived 8:30 PM Temp 64 - Clear
Observed till 11:30 - Clouded up completely
150 lbs - MS 54 - Warming up 66°F -
Left 11:45

Monday June 19th

Arrived at 7:20 P.M. Temp. 63°
 Mayes - and two friends.. sky cloudy
 Sky cleared up at 9:45 P.M. Wind - North.
 Aurora - Glow. 9:00 P.M.

Left at 10:30 sky clear. Temp 61°
 Wind - West.

R. Mayes.

Wednesday June 20 Temp 64° - Partly cloudy
 Needham and Labbett arrived 12:00
 Observed and observed Mars - seeing good.
 Polar cap extremely prominent with lower
 edge well defined. Dark line just below
 snow cap very marked. Observed Mars
 till 14:00 - made 1 variable observation on 3"
 Left 14:15 -

Thursday, June 22, 1939 Temp. 56°F, sky clear, slight breeze.

ABall 10:30 - 11:45 Abr Mr. Lowell and five or six visitors

Thursday June 22, 12:00 P.M. John Ball, Jr. George
 Dietrich, Mike Casine arrived from Yorkes. Perfect night,
 seeing wonderful. Prepared to observe to dawn, but
 no means of access. Aurora photographed by G.
 Dietrich. Would have mailed card, if we could have
 gotten at them. Left 12:22, sorry to see such a
 fine sky wasted.

Ball

Friday, June 23, Sky partly cloudy, but clearing Temp. 71°

ABall, John Ball Jr arrived 8:00 with Dr. Thorne and 3 other
 visitors. 10 other guests arrived about 9:00 by previous arrangement

Dr. Ball, Mr. J. J. O'Neill, Miss E. Ball arrived 10:35.

Dr. Thone and party left 9:50

C.M. Prinslow arrived 10:00 P.M.

H.R. Ball began observing 11:30

Dr. Ball and party left 11:40

The party left at 12:15

Dawn at 2:43

H.R. Ball } John Ball, Jr. - 4 - M.S. 15 - Y.S. 132
 11 17 Y.S. 122

1st + 20: 12:11 M. Gribby - gone to Mr. Wilson. 53 Jn.
 checked Hallbach's new star and found six others.

Sat. June 24th 1939.

Ecl. Hallbach, A. Esche & Wm. Albrecht arrived at 10:30
 with a load of planks. Temp. 81°. S.West by West wind.
 Temp. at 3:50, (110°F) very little breeze.

Picnic Today! Fond remembrances of the cold

Picnic day we had last year.

Prinslow & Amfield left at 12⁵⁰ AM. Al. Esche.
 Schoenke, Kuziak, Diedrich started observing at
 12:15 A.M. Beautiful day. Diedrich Sun 14, 2.
 Dawn begins about 2:15 - 2:20. Temp. at 2:30 -
 Bad mosquito trouble. Left at 2:40 A.M. no moon.

P.S. Bob Smith slept in lower bunk.

Monday June 26 - 1939 cloudy.

Prinslow arrived at 7¹⁵ PM.

15 visitors. Rain at 9⁴⁰ PM

Left at 10⁰⁰ PM still raining