

VOXAIR

AN AIRFORCE NEWSPAPER



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Vol. 12, No. 26.

WINNIPEG, MANITOBA

June 28, 1963

RCAF IN RED RIVER EXHIBITION PARADE



Miss Penny Wood, Station Winnipeg's candidate in the Miss Manitoba Pageant.



The Chaplain's Retreat ends this week. The Chaplain resumes his duties as usual on Saturday, 29 June. Father Grant will be on leave until 28 July. Weekday Mass and Confessions resume Saturday, 29 June.

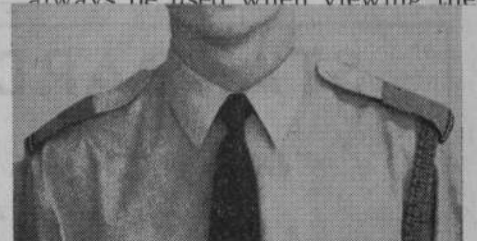
...to remember this rhyme, "Filter nearest the sky to protect your eye." This means in practice that an adequate neutral density filter must be in front of any and all glass optics, whether they be telescope, lens, finder, eyeglasses, or binocular systems. Any other position of the filter in the system, such as between the camera finder and the eye, would be hazardous.

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Since the energy of the sun must be reduced by 100,000 to 1,000,000 times, during the partial eclipse stages, simple sunglasses will not work! Medical authorities recommend that the density of the filter material should be 5.00 or 6.00. The filter material should comprise of finely divided metallic silver or other substances dispersed in a medium (e.g. gelatin) which will absorb equally and sufficiently all of the sun's energy.

Such metallic silver filters should always be used when viewing the



F/C M. W. FAWCETT

F/C M. W. Fawcett was born in Gravenhurst, Ontario, where he obtained his senior matriculation from the local high school. After a year at the University of Western Ontario, Mike joined the RCAF and is currently undergoing training as a Radio Officer with course 6205.

NOTICE

Due to the fact that Monday 1 July is the Dominion Day Holiday, all copy for the next issue must reach the VOXAIR office by 1630 hrs. Friday 28 June.

FORMER CO TAKES NORAD POST



G/C J. F. MITCHELL

Air Force Headquarters has announced the transfer of Group Captain James F. Mitchell to NORAD Headquarters, Colorado Springs, U.S.A. G/C Mitchell, formerly of Toronto, was Commanding Officer of RCAF Station Winnipeg from August 1958 to August 1962. He is now attending the National Defence College at Kingston and on completion of the course will take up an appointment at NORAD Headquarters.

Don't forget to watch the Solar Eclipse. See Page 2

FIRE PRE

A recent fire in a Station PMQ was caused by children playing with flammable liquids. The serious danger of this cannot be stressed too strongly, and all parents are to ensure flammable liquids are placed out of reach of children. Following is an excerpt from EO 125-100AA-2 Part 8 para 4, Handbook of Fire Prevention Regulations, relating to the storage of flammable liquids in PMQ's.

MARRIED QUARTERS

With the increased use of power mowers, outboard motors, camp stoves, etc., the occupants of married quarters often require quantities of flammable liquid fuels. In addition, the "do it yourself" hobbyists, utilizing areas for various hobbies entailing the use of paints and thinners, is quite prevalent. It is not the intention of this EO to ban these liquids, but rather to limit them to safe maximum quantities, and control the type of container to ensure maximum safety by preventing accidental spillage, leaking containers, etc.

- (a) The quantity of flammable liquid that may be kept in married quarters areas shall not exceed the following limits for each dwelling unit, including other outbuildings such as garages:

sene that is stored in sealed, metal containers and specifically designated for emergency cooking and heating requirements during nuclear fallout conditions.

- (b) Flammable liquids shall be stored in garages or other structures separate from married quarters when such areas are provided. When separate areas are not provided, storage shall be in basements or if no basement is provided in the MQ, in utility room. Storage shall be in the area farthest from the heating unit.
- (c) Flammable liquid fuels, such as gasoline or kerosene shall be stored in an approved safety can. Other flammable liquids such as solvents, thinners, paint, laquers, and varnishes, etc., shall be stored in metal containers with tight fitting covers or caps.
- (d) Refuelling or defuelling of equipment or any transfer of

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gone to court about their differences, and the judge had listened to a lengthy, detailed complaint from one. "You're right," he said, finally. "You may step down."

Then the other partner entered a complaint as lengthy and as detailed. "You're right, too," said the judge.

"But, your Honor," interjected one of the lawyers on the case, "they can't both be right!"

"You're right, too," sighed the judge.

* * *

The Manitoba Institute of Technology in Brooklands is already accommodating some classes from the Manitoba Technical Institute. All classes are expected to commence in the Fall term this year. Facilities for up to 2,000 students will be available. Three types of instruction will be provided—construction and other trades; technological courses in the medical and engineering fields; and training for instructors in vocational subjects and industrial arts.



GUARD OF HONOUR



Part of the 100-man Guard of Honour being trained by Cpl. R. E. Anderson. Besides performing at the Red River Exhibition, they will act as Guard of Honour for the Lieutenant Governor on Airforce Day, 13 July and for the Air Officer Commanding on his retirement parade, 15 July. The guard commander is F/L Ken Duncan.

Kodak Urges Caution In Photographing Solar Eclipse

WARNING: SUN CAN BURN EYES WITHOUT YOUR KNOWLEDGE

Looking at the unshielded face of the sun with the naked eye or through any optical device, such as the viewfinder of a camera, can seriously damage the eye, Kodak warns those interested in observing and photographing the July solar eclipse.

Adequate protection means looking at the sun through a material which will not only reduce the visible energy of the sun for comfort, but which equally and sufficiently reduces the invisible ultraviolet and infrared radiation which can cause instant damage, including blindness, without a person's being aware of it.

Kodak warns that erroneous, as well as valid, recommendations of material have been made. One erroneous suggestion involves use of

crossed polarizing elements which absorb only the visible rays, not the dangerous infrared rays.

Medical authorities suggest that a neutral density filter of metallic silver of at least 6.0 density will provide adequate protection when placed in front of the eyes before facing the sun.

Such a filter can be made with two thicknesses of black-and-white film such as Kodak Verichrome Pan Film (not colour) which has been completely exposed and fully developed to maximum density. It can be prepared by unrolling it and subjecting the film to daylight and full development according to the manufacturer's directions.

According to George T. Keene, a photographic engineer at Kodak and author of the recently published book: "Star Gazing with Telescope and Camera," the thousands of photographers who train their cameras on the forthcoming July 20 solar eclipse will risk "serious, even permanent damage to their eyes" if they neglect necessary precautions.

Keene notes that the infrequency of solar eclipses—only four eclipses will be visible in Canada in the next 40 years—will undoubtedly lead to substantial public interest in the phenomena. "This interest," he says, "will probably spark considerable picture-taking activity among all types of photographers, ranging from the professional to the occasional sharpshooter."

The total solar eclipse will be seen only in parts of Ontario, Quebec, Maine and Alaska, but viewers in virtually every section of Canada and the United States will be able to see a partial stage of the eclipse. The Canadian National Railways have scheduled extensive tourist promotions to capitalize on the phenomenon.

"Warnings have already been issued—some valid, some erroneous—to those who intend to view

(Continued on page 3)

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VACATION

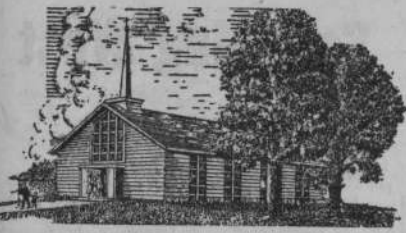
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Chapel News

PROTESTANT CHAPEL NEWS

SUNDAY, 30th June

1100 hours — Divine Service — Chapel — preschoolers — Chapel Annex.

WORRIED?

"The most commonly accepted ideals in our Western civilization," said Dr. Hans Selye, world famed for his research on stress, in a recent speech, "are security and a high standard of living — less work and more pay.

"We want security, not only against aggressor nations. We want to know that, even if we live quite irresponsibly and pay nothing aside for emergencies, we won't have to worry, because it is up to the government to insure us against everything.

"If we can find no purpose in life and become neurotic, we want vitamin pills, aspirin, tranquillizers and (God forgive me for having unwittingly, and despite all my protests, contributed to this list) the great variety of anti-stress pills, so popular nowadays.

"The great philosophical ideal of our time has become the development of a social structure in which you don't have to worry about anything. Well, as I have said before, a certain amount of stress is good for you, you should worry about some things."

VACATION SCHOOLS

Two Vacation Schools have been planned for the summer months. The first begins July 8th and runs weekdays to July 19th. Hours are 0900 to 1130. All children 4 yrs. to 11 yrs. old are welcome to attend.

The second school, to run from Aug. 5-16 (weekdays 0900-1100 hrs.) will include the same age groups as the first.

Teachers are still required for the schools. If you have a desire to help children within your chapel, leave your name with any of the Chaplains or call Local 417. Experience is not necessary.

ROMAN CATHOLIC CHAPEL NEWS

Rev. F. A. Halle (W/C), Training Command Chaplain (RC)
Rev. C. E. Grant (F/L) Senior Station Chaplain (RC)
Rev. J. Y. Cormier (F/L), Station Chaplain (RC)
VE 2-1311, Local 272.

MASSES

Sunday — 9 and 11 a.m.
Weekdays — No Masses this week.
Saturday — 11 a.m.

CONFESSIONS

Monday-Friday — Before every Mass.
Saturday—1900-2000 hours.
Sunday — Before and during both Masses.
Other times—by appointment.

NOTE: If there is no priest in the Confessional, ring "Confession Bell." Parents are asked to remind their children to come to Confession after school on Friday afternoon, that is, from 1600 to 1630 hours.

NURSERY SERVICE

During 1100 hours Mass, young children of parents who attend this

Mass, will be cared for by nursery service in the Chaplains' quarters.

BAPTISM

Usually on Sunday afternoon. If this is inconvenient, another day of the week may be chosen. Telephone the Chaplains' secretary during working hours to arrange the date and the hour. This will make it possible for the papers and certificates to be filled in beforehand.

MARRIAGE

Contact the Chaplain or his secretary at least one month beforehand if both parties are Catholics. In the case of a prospective mixed marriage, notice should be given at least two months in advance in order to give time for the couple to follow the instructions required by Church Law.

CHAPLAIN'S RETREAT

The Chaplain's Retreat ends this week. The Chaplain resumes his duties as usual on Saturday, 29 June. Father Grant will be on leave until 28 July. Weekday Mass and Confessions resume Saturday, 29 June.

PERSONALITY OF THE WEEK



RAY BAUSCHKE

It is with great pleasure that in this issue of Voxair we pay a well deserved compliment to the Manager of the Station Winnipeg Credit Union — Ray Bauschke. Ray is probably the best known civilian at this unit, and well he should be! Since Ray assumed the responsibility as Manager of our Credit Union, it is estimated that savings to stn personnel amount to \$100,000.00 in finance charges alone; without considering the various other charges such as life insurance and filing fees that are assessed by the majority of outside lenders. Ray is a young man with

a message. And the message is of course that our own Credit Union is the fastest growing union in the province of Manitoba. Ray states that a great deal of credit should go to Warrant Officer Casey Waroway and his Board of Directors for the tremendous growth of the Credit Union. It is interesting to note that when Ray arrived from the Credit Union movement he was able to borrow the original \$60,000.00 from the Norwood Credit Union to get our organization on the rails. This amount was placed on deposit and the actual interest paid his salary. This was an excellent business arrangement. It is estimated that Ray works sixty-hour work week executing the policies of the Board of Directors, attending meetings, after-hour appointments and advising personnel of this station on their financial problems. What does he do in his spare time? The Merit Certificate Ray received will amply answer that question. It read as follows: "We salute you Ray Bauschke on behalf of the Greater Winnipeg Credit Union Charter. We extend to you our heartfelt appreciation for your outstanding service to your fellow men through the Credit Union movement. Signed D. Daly, President."

We are indeed fortunate to have such an outstanding man as Ray Bauschke as the Manager of our Credit Union.

KODAK URGES CAUTION

(Continued from page 2)

the eclipse through a lens system such as a telescope, binoculars,

spyglass, or opera glass," according to Keene, "but the hazard in using camera viewfinders or viewing lenses seems to have been generally overlooked."

Precautions are particularly necessary if the photographic equipment being used is of the single lense reflex type or involves a variable focus taking lens, zoom lens mirror, monocular or a mirror system in a photographic telescope or viewfinder.

"Negligence," Keene says, "will result in almost certain damage to the retina of the eye. It is possible that only one second of carelessness can result in permanent blindness."

He pointed out that the naked eye itself is susceptible to this damage and the addition of a focusing lens concentrates the energy and increases the danger to the retina.

In viewing or taking photos of either the total or the partial eclipse, according to Keene, it is well to remember this rhyme, "Filter nearest the sky to protect your eye." This means in practice that an adequate neutral density filter must be in front of any and all glass optics, whether they be telescope, lens, finder, eyeglasses, or binocular systems. Any other position of the filter in the system, such as between the camera finder and the eye, would be hazardous.

The danger of eye damage is increased for those persons photographing in areas where the sun will be completely eclipsed. When photographing the total eclipse the neutral density material must be used during the early or partial stages, must then be removed to permit sufficient exposure of the prominences or corona effect, and then must be replaced in front of the lens in time to prevent burning or eye damage after the sun starts to reappear.

Since the energy of the sun must be reduced by 100,000 to 1,000,000 times, during the partial eclipse stages, simple sunglasses will not work! Medical authorities recommend that the density of the filter material should be 5.00 or 6.00. The filter material should comprise of finely divided metallic silver or other substances dispersed in a medium (e.g. gelatin) which will absorb equally and sufficiently all of the sun's energy.

Such metallic silver filters should always be used when viewing the sun. However, such filters will not be satisfactory for use over a camera lens when making photographic exposures since the grain pattern will diffuse the image and make it unsharp. When photographic exposures are being made, non-diffusing 5.0 to 6.0 filter, such as the Kodak Wratten Neutral Density Filter, should be used over the camera lens. BE SURE NOT TO VIEW THE SUN THROUGH THIS FILTER. USE IT FOR EXPOSURE PURPOSES ONLY.

(Continued on page 8)



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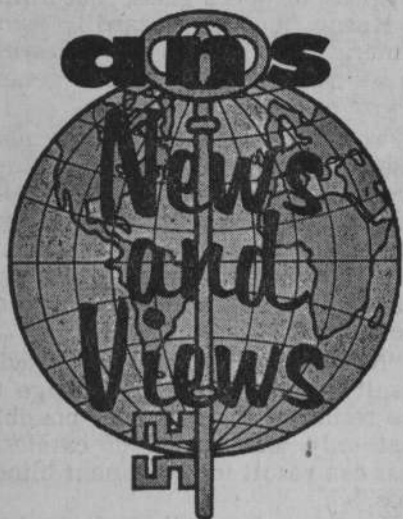
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By F/O G. LEBOEUF

FARWELL PARTY

Last Friday the Officers' Mess was the scene of a distinguished gathering of ANS officers. G/C D. A. Willis, CO Stn Winnipeg and W/C W. B. M. Millar, CADO, were guests of honour. G/C Willis presented W/C Bayliss, OC ANS, with a beautiful plaque representing the ANS crest. W/C Bayliss, who has been OC ANS since February 1961, has been transferred to USAF War College, Maxwell, Alabama. G/C Willis also presented F/L A. F. Clarke, on retirement from the RCAF, with a mug donated by ANS staff and a suitcase offered by the Officers' Mess members. F/L Clarke has been at ANS since June 1959 and employed as Voxair Editor since May 1962.

Tankards were presented by W/C Bayliss to the following officers transferred from ANS Major H. H. Powers, Chief Navigation Instructor since July 61 and transferred to Schilling AFB Kansas; S/L D. L. Turner, Chief Electronics Instructor since Feb. 61 and transferred to Staff College in Toronto; F/L W. J. Matthews, Squadron Commander at ANS FW and at FW since June 60, transferred to Camp Borden; F/L J. O. Archibald at ANS since April 61 and transferred to CNS; F/L G. F. Thomas at ANS since June 59 and transferred to RU Edmonton; F/L J. R. Bright at ANS since May 61 and transferred to the Aero System Course of CNS; F/L T. W. Gingrich at ANS since May 60 and transferred to RU Hamilton; F/L A. A. Gilbert at ANS since Dec. 59 and transferred to RU Winnipeg; and F/O C. L. Kipfer at Winnipeg since Aug. 59 has started his second tour at FW in Jan. 62. He has been transferred to AMC via OTU Summerside.

F/O Dunn, representing students of XTLR Course also presented F/L Gingrich with a rather unfashionable sport jacket in memento of his devotion to the course.

We wish the best of luck to those departing ANS officers. It has been a pleasure to work for them and with them and their efforts to make of ANS a first class unit will always be remembered.

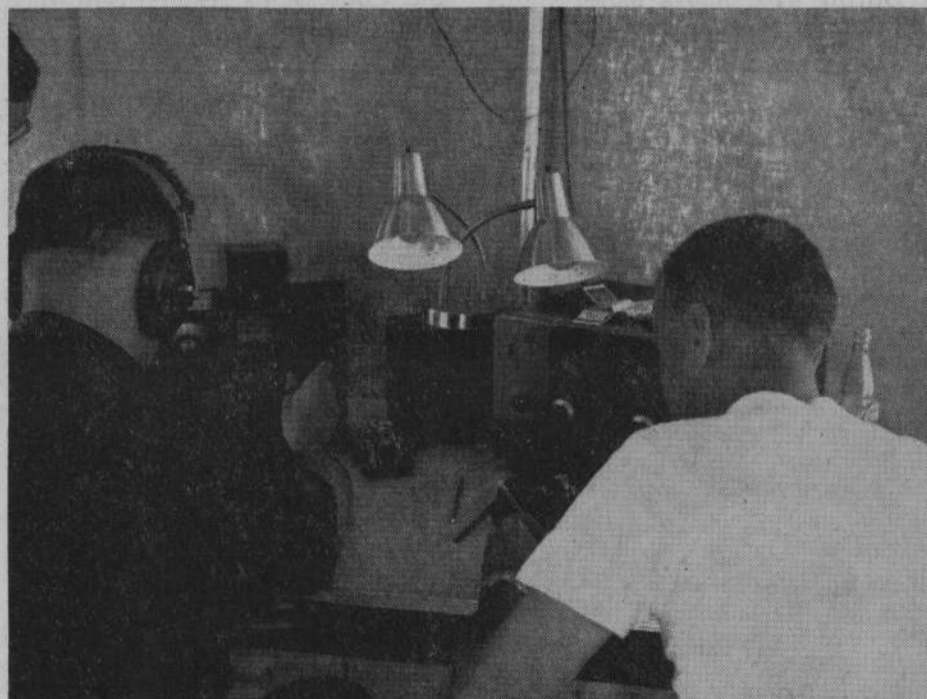
TEMPORARY DUTY

F/O's E. G. Ferguson and B. M. Mitchell of FW left Monday on two

(Continued on page 6)

STATION RADIO CLUB HOLDS FIELD DAY

By F/O BILL GRAHAM



Each year all the amateur radio operators of North America set aside one weekend as Field Day. This weekend is a test of the emergency message handling capabilities of each group that competes. Field Day then is a contest.

The object of this contest is quite simple. Each group tries to contact as many other groups as possible. Actually the communications supplied by amateurs in emergencies are usually short range liaison and message handling but this is impossible to simulate and Field Day has become a contest. There are a few other factors affecting the score that are called multipliers. The club's score is multiplied by 1.5 if it is independent of commercial hydro power and this multiplier is increased to 3 if battery power only is used.

Before anyone rejects this idea as a waste of time he should be reminded that only a few months ago communications were severed with Kenora by an ice storm and during the next day amateur radio passed over 100 messages of varying importance to Winnipeg.

These efforts have not passed unnoticed and next year, for the first time in Manitoba, the amateurs will be allowed to have their call sign instead of numbers on

their automobile license plates. This is a privilege that has been granted to amateurs in most states and provinces as recognition of their efforts in emergencies.

On the lighter side, Field Day offers a good excuse to get out of doors for the weekend and test the latest mosquito repellants. There is also a well known law in Physics that cannot be found in any textbook so when it rains on the third weekend in June join the amateurs and blame it on Murphy.

FIRE PREVENTION

(Continued from page 1)

- class 1 flammable liquid from or to a storage container shall not be done within any married quarters or garage.
- (e) When motors, stoves, etc., are to be stored in married quarters for extended periods, such as over winter season, fuel tanks shall be thoroughly drained. Particular care shall be taken to ensure small quantities of fuel are not left in tanks as these small quantities will produce hazardous vapours. Draining shall not be mandatory if the equipment is stored in an unheated out-building or garage.

STATION FIRE CHIEF

Servicing West

By DICK GINTER

It's the first day of summer today but the only proof is the calendar. The high winds do remind one of the good old days back in Saskatchewan (I looked it up) though, when it was so hot and dry, so perhaps we'll get a few days of warm, dry weather yet.

Welcome to Sgt. Al (Capt. Bullwinkle) Klemas of No. 1 wing by way of Gimli. He is here to relieve Sgt. B. A. Stevenson who is retiring in about two weeks.

It's actually old home week for Sgt. Klemas because not only is it his home town but he was stationed here in 1952-53. Best wishes for a long and happy stay, Al.

A glad welcome also to LAC N. L. Keir of NO. 400 sqdn, LAC's J. U. Moran, D. F. Anderson, C. R. Edwards and R. B. Godwin of No. 411 sqdn, all of Toronto. These chaps are contributing a much needed helping hand to Dak Serv and doing a very fine job of it.

Sgt. Paul Noble had his posting preference request satisfied — half way. He asked for overseas and is getting Greenwood. Best wishes Paul, with luck you might make the other half some day. Congratulations on the new Acadian.

Sgt. Sigouin and LAC Reed, along with the instrument calibration team have moved into 11 hgr for a six week stay. If you should hear someone talking about "Van-Cal", this is the group they're referring to.

PRAIRIE WOMEN ADOPT 10BX

A physical fitness program has been organized by the women of the little farming community of Grosse Isle, Manitoba, and one participant describes it as "one of the social highlights of the week." Twenty-two women, most of them farmers' wives, are involved. The youngest is 29 and the oldest over 60. They're doing the RCAF's 10 BX plan for women. The program, which has been praised by Alan Miller, Manitoba's director of fitness and amateur sport, was started in April by Mrs. Lois Rutherford, a farmer's wife and mother of five.

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By MICHAEL J. KOSTER

We often hear of jars and pots full of valuable coins being dug up by accident. Sometimes these treasures come to light when daring youngsters venture into an abandoned house; a tin box turns up in a cellar or attic that needs repairing. In Europe and parts of Africa and Asia the discovery of ancient Greek and Roman hoards has been an everyday occurrence for centuries.

A kettle buried under a wood-pile; glass jars hidden in an old barn; a metal container sealed in a tile wall; a box concealed behind a partition — why were these treasures hoarded away in the first place?

Since ancient times, the hiding of coins has often been stimulated by wars, invasions, sieges, inflations and famines. The formation of great banking systems made slow roads on this "squirrel" psychology. In fairly recent times, people living in outlying areas, far from a bank, preferred to hide their money in what they considered a safe place. Even when a bank was easily accessible, they were distrustful and still insisted on keeping their treasures nearby.

And so from time to time we read about unexpected finds of hidden money. These stories provide one of the fascinations of coin collecting. Every true collector feels that some day, somehow, luck will come his way and he will hit upon the find of a lifetime.

Getting back to this year's annual "Coinerama" sponsored by the local western Numismatic Association, it will be held on Thursday, Friday and Saturday, August 1, 2 and 3rd. in the Royal Alexandra Hotel.

THE FAMILY CIRCLE

With his father seated beside him the 16-year-old turned the car into the family driveway. Three younger brothers came bounding out of the house.

"I passed the driver's test," the 16-year-old announced proudly. "You guys can all move up one bike."



"I need a small, short-term loan . . . rather quickly!"

SWIMMING FOR SURVIVAL



"SPLASH!"

Swimming is easy to the seven officers and six airmen who instruct in the RCAF's Survival Training School at RCAF Station Namao, near Edmonton. They teach non-swimming adults to swim 25 yards with only three hours instruction and are so convinced of the value of swimming that they spend many of their off-duty hours encouraging others to improve their ability in the water.

After training more than 9,200 men since 1948 in the technique of survival in uninhabited terrain, the RCAF realizes that the student's self-confidence is all-important in handling the natural reaction of fear, normal to anyone facing an emergency situation. Swimming was added to the two-week summer and winter bush courses in 1952 as basic conditioning for the rigorous bush survival which students undertake for ten days and as a form of survival training, particularly for those who dread water.

In what is thought to be the shortest swimming course in Canada, the RCAF has adopted the "drownproof" method which was introduced here by Professor Murray Smith of the University of Alberta. Making use of the fact that only five percent of people are unable to float, the method adapts body buoyancy to a travel stroke, in which the swimmer propels himself forward in order to keep his head out of the water. The method's success is best illustrated by the case of a 50-year-old man who fell overboard from a boat last year and, after recalling a one-time viewing of the method on television, propelled himself 60 feet to safety.

Although drown-proofing is designed to teach adults to swim one

mile with ten hours instruction, the Survival School has the students for only three days of classroom instruction at Namao so the RCAF employs the system's three-hour instruction on basic points and practice under close supervision to enable the airmen to swim 25 yards. Seventy-five percent of the students are adequate swimmers on arrival at the school and, on being examined for RCAF Level II (Red Cross Junior) on the third day, ninety percent pass, including the non-swimmers who completed the "rush" course. Usually those who fail, do so because of the inability to float.

Students are given an indication of their swimming limitations on arrival at RCAF Station Namao's splendid pool which was paid for with canteen profits. Under the close supervision of highly qualified life guards, each student swims to the maximum of his endurance. For most, it is their first awareness of a basic survival rule — know your limitations.

They are given a bare knowledge of most strokes and endeavor to polish their swimming by emphasis on resting strokes such as the elementary backstroke, the side stroke and the breast stroke which enable the swimmer to cover long distances with minimum effort. Instructors, like Flight Lieutenant Phil Montgomery of North Bay, Ontario, a pilot who has attained the highest RCAF swimming level, teach by demonstrations, in and out of the water, and supervise the students in the practical application of the exercise.

In survival situations different swimming methods are required. To get away from the area of a sinking aircraft or a rolling boat

(Continued on page 6)

LETTER TO A CREDITOR

ABOUT THAT ACCOUNT

Dear Sirs:

I am sorry that the present condition of my bank account makes it impossible for me to send a larger cheque.

My shattered financial situation is due to the federal laws, provincial laws, municipal laws, corporation laws, city laws, liquor laws, sisters-in-law, brothers-in-law, mother-in-law and outlaws.

Through those laws I am compelled to pay business tax, amusement tax, head tax, education tax, food tax, school tax, war tax, and excise tax; even my brains are taxed.

I am required to get a business license, car license, fishing license, hunting license and dog license.

I am also expected to contribute to every society and organization which the genius of man is capable of bringing to life, to women's relief, the unemployment relief and the gold diggers' relief; also to every hospital and charitable institution in the city, including the Red Cross, the Green Cross, the black cross, the purple cross and the double cross, and to top that off there is a tag day every other Saturday when I am forced to buy a tag and wear it so that I can safely walk the street.

For safety I am required to carry life insurance, property insurance, liability insurance, burglar insurance, accident insurance, earthquake and tornado insurance, unemployment insurance, old-age insurance and fire insurance.

My business is so governed that it is difficult for me to find out who owns it. I am expected, inspected, suspected, disrespected, rejected, dejected, examined, informed, required, summoned, fined, commanded and compelled until I provide an inexhaustible supply of money for every known need, desire or hope of the human race.

Simply because I refuse to donate something or other, I am boycotted, talked about, lied about, held up and held down and robbed until I am almost ruined. I can tell you honestly that except for the miracle that happened I could not enclose this cheque. The wolf that comes to my door so often just had pups. I sold them and here is the money.

Yours very truly,

ANON

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HANDY TO RCAF STN.



By SGT. J. T. DANBERGER

The annual inspection of 3CU facilities and personnel was carried out from 12 to 14 June by the Director of Communications AFHQ, G/C A. C. Bowes and the Commanding Officer Communications Control HQ, S/L D. B. Biggs of AFHQ, due shortly to take over from G/C Bowes as DCom.

A ceremonial inspection and review of the unit was held in Hangar 4 at 0800 hours 13 June, after which the complete facilities of SCU-UHQ in Bldg 2, Receiver Plant at Transcona and Transmitter Plant at Headingly were viewed by the inspecting officers.

S/L MacKay was able to attend the excellent unit party held in Bldg. 24 on Saturday night during which good-byes were said to departing members. Sgt. "Rocky" Lariviere has been transferred to 4CU Rockcliffe and LAC Dan Black will shortly be off to Fort Churchill.

In the operations branch, the "pony" teleprinter circuit between Flight Planning Centre and Stn. Winnipeg Comcen was discontinued and replaced by a pony circuit between FLTPLNCEN and 3CU COMCEN. This should speed up air movements message handling, particularly those messages received over 3CU air-ground-air radio circuits from the airborne aircraft. It also has allowed Stn. Winnipeg to cut back to a 16-hour, 5-day-a-week operation with a resultant saving in manpower.

ANS NEWS AND VIEWS

(Continued from page 4)

weeks TD to Trenton to undertake the Caribou Conversion Course.

ANS FLYING WING

It would appear that at least one married man has been able to "raise the roof" and have his wife approve. (F/L Bill Fell has been enlarging his garage!) . . . In principle, it doesn't seem right that one of our own officers should "look down on Stn Winnipeg; but

THEATRE ENTERTAINMENT

SHOWTIME

Evenings	1830-2030 hrs
Sunday	1830-2030 hrs
Sat. Matinee	1300-1500 hrs
Sun. Matinee	1400 hrs

FRIDAY 28 JUNE
MY SIX LOVES
General

SATURDAY 29 JUNE
Matinee
SMILEY GETS A GUN
General

SATURDAY 29 JUNE
Evening
PANIC IN YEAR ZERO
Adult

SUNDAY 30 JUNE
MONDAY 1 JULY
TRAPEZE

TUESDAY 2 JULY
SPARE THE ROD
Adult

WEDNESDAY 3 JULY
THE WORLD IN MY
POCKET
Adult

THURSDAY 4 JULY
A KIND OF LOVING
Restricted

FRIDAY 5 JULY
MARDI GRAS
General

F/L Ted Parnwell has been doing it for two weeks — from the sixth floor of Deer Lodge. F/L Parnwell is now on the mend and should be back soon . . . F/O Jack Godin is acting as a good will ambassador by currently throwing his vacation money around in California — sort of a one-man "keep California green" programme . . . F/O's Detracey, Klingspon, Mills and Roland will soon be back from a Spring tour of Grand Bend. During work-breaks they could be found at ROS Stn Centralia.

F/L Gord Ellis, has recently arrived at FW. After 4½ years at a radar site he is slowly getting the "blips" out of his eyes, and is a most welcome addition to the staff. On the other hand, we have recently said farewell, adieu, etc., to F/L Tony Matthews and F/O Cec Kipper . . . F/O's Mitchell and Ferguson are currently on Caribou training. It seems they have Fall reservations at the El Arish Hilton.

SWIMMING FOR SURVIVAL

(Continued from page 5)

speed swimming is required. The Survival School teaches that the Australian Crawl and Trudgen are the fastest methods but require tremendous energy. In the event that surface swimming is not possible because of burning oil slicks, the danger scene must be vacated by underwater swimming. Students are taught to splash heavily on the surface to clear the oil away, take a deep breath and go under again, swimming under-water to a safer area. Sometimes it may be necessary to jump from heights, so students are taught to observe the precautions of keeping their arms tucked in against the body and doubling-up on entry into the water. Practising from 14-foot diving boards, they learn that the precautions prevent arm injuries and halve the depths to which they will sink.

An important phase of the three one-hour classes, stretched over three days, is instruction in "shirt-tail life-saving". The object is to save yourself—not others. By using trousers knotted near the cuffs, the student can trap air in the legs and use them as water-wings. Wearing flying-suits, students enter the water as if an emergency situation

exists. Keeping themselves afloat, they remove the suits and knot the legs. Next, they grasp the suits at the waist and, from a position behind them, they pull the suits through the air overhead, scooping air into the suit-legs. By holding the suits at their own waist level, they remain afloat and conserve precious energy. It is necessary to repeat the air-trapping procedure after much of the air has seeped through the flying-suit. The method may be used even more successfully with trousers or slacks which do not have zippered-leg closures.

The Survival Training School graduates 600 students each year. In addition to their instruction duties at the bush and Arctic survival camps, the instructors manage to find time to assist in RCAF Station Namao's swimming program. In the youngsters' program alone, the station has an enrolment of 1200, three times that of any other Air Force unit. Excellent liaison is maintained with the University of Alberta, the Red Cross and the Royal Life-Saving Society. RCAF Station Namao personnel, for example, do approximately 15 percent of the examining for Red Cross swimming instructors' badges and the Royal Life-Saving Society in the Edmonton Area.

PROOF POSITIVE

The honeymoon couple were getting out of their car at the hotel door. "Dear," suggested the new bride, "let's try to think of something to make the people in the hotel think we've been married a long time."

"Why, sure," said the groom. "You carry in the suitcases."

REDUCE that load, brother



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Recreation Centre
(Bldg. 90—Rm. 25)

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Monday to Friday—
1200 hrs. - 1730 hrs.
1800 hrs. - 2100 hrs.
Sunday—
1400 hrs. - 1730 hrs.

DOMINION HOLIDAY

Stn. Library will be closed as follows:

Saturday 29 June
Sunday 30 June
Monday 1 July
open Tuesday, 2 July, at noon,

NEW BOOKS

Martha in Paris M. Sharp
Story of a most extraordinary young lady. Humorous, tender and astringent.

Man and Dolphin J. C. Lilly
Adventures of a new scientific frontier.

Courtroom Warrior R. O'Connor
The combative career of William Travers Jerome.
Stn. Library (587).

PARENT REARING

"Your two little ones seem pretty active," the middle-aged housewife commented to her new neighbor. "Yes," agreed the young mother. "They're just at that age when they're into everything around the house."

"Why don't you get a play-pen?" suggested the neighbor. "I don't know what that is," replied the newcomer.

"It's a sort of a fenced-in stockade," advised the older woman. "You can get one at any department store."

A week later the young mother knocked at her neighbor's door. "I just wanted to thank you for that play-pen idea," she said. "It's really marvellous! Every afternoon I get in with a good book and the children don't bother me at all."

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OPERATION

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1730 hrs.
2100 hrs.

1730 hrs.

HOLIDAY

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- 30 June
- 1 July
- 2 July, at noon,

BOOKS

M. Sharp
most extraordinary
Humorous, tender

J. C. Lilly
of a new scientific

R. O'Connor
career of William
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REARING

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AIR FORCE



By JOHNNY

**MANITOBA TROPHY FISH LIST
SHOWS WHERE BIG ONES LIVE**

The famed Gods Lake-Gods River country of northeastern Manitoba shows up as a real mecca for trophy-seeking fishermen on official records of the 1962 Manitoba "Master Angler" awards. This fly-in area topped the field with the most trophy brook and lake trout and was second ranking hot-spot for northern pike, according to the award list. Gods Lake also produced the year's largest laker and northern and Gods River the biggest "brookie."

The Winnipeg River, in the Whiteshell Provincial Park, ranked first for smallmouth bass and was the second best fishing hole for walleyed pike. The award list shows Reed Lake, in Grass River Provincial Park, was the most prolific producer of trophy northerns, while The Narrows of Lake Manitoba again was top spot for big walleyes.

Other Manitoba hot-spots included: Lake Athapapuskow and Clearwater Lake for lake trout; Cross, Kississing and Cormorant Lakes for northerns; Falcon Lake, Bird and Whiteshell Rivers for bass.

Awards are presented for catches that equal or exceed minimum weights such as 18 pounds for northerns, 20 pounds for lake trout and four pounds for brook trout. Over 500 anglers earned Manitoba "Master Angler" awards in 1962.

MANITOBA OUTDOOR BRIEFS

Ducks have it rough. It's bad enough you have to dodge lead pellets in the air but when you die from these pellets without being shot at you don't even get to go out in a blaze of glory. Manitoba game biologists estimate 1,000 ducks have died on one lake alone last fall from lead poisoning. The birds literally got a gizzard full of lead, taking the shotgun pellets in with their food.

Winnipeg anglers didn't know what they were missing at "Moose-

nose" gravel pit until last fall when Manitoba fisheries men got set to poison it out for re-stocking. The small body of water on the outskirts of the city was stocked with rainbow trout in 1958 but apparently all had been caught or died out. A routine gill net test, however, came up with an 8 lb. 4 oz. rainbow, second largest ever seen in the province.

To cut costs for anglers who balk at tabs of \$500 or more a week for remote fishing, a Manitoba resort operator has pioneered a fly-in housekeeping set-up. Gods Lake Lodge now offers a do-it-yourself European plan that almost halves the cost of a Gods Lake fishing trip. It includes cost of boat, motor, gas and oil, accommodation, food supplies, guide and air transportation in and out.

Rule-of-thumb on fish growth rate is usually considered about one pound per year. However, the fish in Manitoba waters have apparently not been informed of this. A 49 lb. 8 oz. lake trout caught in Gods Lake this year proved to be only 13 years old—an average growth rate of close to four pounds per year.

Creel limit for Muskellunge in Manitoba is two fish but, so far, no one has ever made it. In fact, in all the years the musky has been listed on angling regulations, only one has ever been caught within the boundaries of this Canadian province. Rather than remove this species from the fish list the fisheries branch introduced the muskellunge to Manitoba waters for the first time. Twenty thousand musky fry were planted in two lakes.

Manitoba farmers would like to see an open season on the Sandhill Crane, lanky cousin of the rare whooping crane. The birds are becoming so numerous they are ravaging grain fields west of Lake Manitoba. One farmer counted 5,000 Sandhills on one quarter section of land last fall. Cranes are protected by the Migratory Birds Act but a request that legal shooting be allowed has been made by the Manitoba Game and Fish Federation to the Canadian Wildlife Service at Ottawa.

DIVIDED BURDEN

As the housewife trudged up the cellar stairs carrying a large, heavy scuttle of coal, her husband felt a twinge of conscience.

"That's enough of that," he admonished her. "I've watched you carry that big coal scuttle up those stairs for the last time. This afternoon you go on down to the hardware store and buy two small pails."

**AIRWOMEN WIN ONE
AND LOSE ONE**

During the week of 17 June, the airwomen played two games in the Winnipeg and District Senior Fastball League, and emerged with a win and a loss to bring their record to 3 and 2.

Against the nurses from the Misericordia Hospital, the RCAF picked up an early lead and managed to hold off an 8th inning rally to win 21-24. Shirley Turner, Addie Bymak and Marg Morrisette shared the pitching duties with Bymak chalking up the victory. Betty Jenkins with 6 for 6, and Betty Findlay with a double, 3 singles and 4 RBIs paced the winners, while Betty-Anne Hall starred on the mound for the nurses and banded out a triple and 2 singles.

On Wednesday the RCAF went down to defeat 19-11 at the hands of a strong Oakbank squad in a game that could only be classified as a comedy of errors. Bymak was the starting pitcher, being relieved by Turner in the 6th. Turner was charged with the loss. Betty Logan came up with the play of the game by striking out and then going all the way around to score when the Oakbank catcher dropped the ball. At bat, the airwomen picked up a total of 15 hits versus 12 for Oakbank but were unable to capitalize on them for the necessary runs. Elaine Rouault and Joan Barlow each connected for a triple while doubles were hit by Findlay and Jenkins.

To date the top hitter for the airwomen is Jenkins with a fantastic .762 average. She is followed by Barlow with .581, Rouault .456 and Logan .423. Jenkins also leads the RBI and home run columns with 12 and 2 respectively. In the field, the first baseman, Barlow, is tops with a .983 average. Bymak leads the pitching staff with a record of 3 wins and 1 loss.

BOWLING FESTIVAL

The second "Player's Bowling Festival" is now history—except to the 60 Canadian league bowlers and their travelling companions who will be flying to the Caribbean in July for expense-paid holidays.

For the second straight year, the Festival was a tremendous success. Some 125,650 league bowlers from across Canada entered to set a new record in participation in any single sports event in Canada.

Prizes this year went to bowlers in all types of bowling. In the five-pin category, 43 bowlers received prizes, with 6 ten-pin bowlers winning prizes. Duckpin bowlers won 9 prizes and candlepin bowlers took the remaining 2 prizes.

Local winners came from the following alleys:

- Rose Ruppenthal, Gibson's Bowling Academy, Winnipeg, Man.
- Robbie Simpson, Roxy Lanes, Winnipeg, Man.
- Mary Nemis, Bowladrome, Winnipeg, Man.
- Raye Harrison, Dauphin Bowladrome, Dauphin, Man.

**DEPENDENT WINS
TROPHY**



DANNY O'KEEFE

On 18 June, at the Kiwanis dinner held at the Viscount Gort Hotel, Danny O'Keefe was presented with the Garland-Keith Memorial Trophy. This trophy is presented annually by the St. James Kiwanis Club to the most sportsmanlike player, combined with hockey skill, in the Assiniboine Hockey League.

Danny played midget hockey for the Silver Heights Community Club and has been drafted for the St. Boniface Canadiens Junior Club for the forthcoming season. He is the son of Cpl. and Mrs. H. D. O'Keefe, RCAF Station, Winnipeg.

VERSATILE

On the way home the two young lads were talking over their Sunday-school lesson.

"Do you really believe in the Devil?" asked one.

"Heck, no!" said the other. "He's just like Santa Claus. He's your father."

URGENTLY REQUIRED

Two volunteer cooks for Cub Camp from 7 to 14 July.
Phone Sgt. Crebo at VE 7-2955 or Cpl. Martell at Local 424.

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Classified ads will be accepted until 1300 hours on Monday of each week for the current issue of Voxair.
Classified ads of a non-commercial nature will be FREE to all employees of RCAF Station Winnipeg.
Persons desirous of having their ads appear in more than one issue must resubmit the ad each week they wish it to appear.

Address all ads to:

EDITOR
VOXAIR
RCAF Stn. Winnipeg, Westwin, Man.

ALCOHOLICS ANONYMOUS

Did you know that there is an AA group in this unit? If you have a drinking problem and wish to do something about it... contact your Station Padre. Protestant Local 417 and Catholic Local 272 and they will refer you to an AA member. In downtown Winnipeg AA can be contacted at WH 2-1462.

AL-ANON FAMILY GROUPS

If you are living with an alcoholic Al-Anon can help. For information contact your chaplain or the Alcoholism Foundation of Manitoba, Phone Globe 3-1044.

SUITES FOR RENT

Georgian Towers, 2391 Portage Ave.—Furnished and unfurnished 2-room suites available. Phone Superintendent **827-4125**. Leases to suit your needs. For other accommodations call **Frank Simone Ltd., 772-9537, 297 Colony St.**

FOR SALE

Console piano, sectional furniture, floor lamp, doll carriage. Phone TU 8-6369.

Like new — Kodak 8 mm. movie camera with filter; Floodlite exposure light bar with metal case; new camera tri-pod. Complete \$40.00. Phone ED 4-3958.

1959 Vauxhall Victor Super, custom radio and recent valve job, new plugs, points, etc. 26,000 miles, one owner. VE 7-1134.

Officers 2-pant summer uniform, size 40-42 and cap in new condition; assorted O.R. uniform clothing; boy's snow suit size 3; crib and mattress; car seat; fold-away cot; step-ladder; rangette; electric heater; Skil-Drill set with attachments; work bench; various tools; electric motors. VE 2-0352.

Frig for home or camp, perfect condition. Must sell. Phone VE 7-2046.

McClary 40" electric stove; Kenmore fully automatic sewing machine, washing machine; 2 large cribs; high chair; Rollei-cord camera; 1951 Meteor with overdrive and custom radio. VE 2-0920.

1956 Austin A55, custom radio, one owner, \$375.00. Transferred overseas. MDPR 104C. VE 2-5731.

Automatic washing machine; frig; TV set; 12 h.p. outboard motor; 8" table saw; 12 gauge Browning automatic shot gun; large crib and mattress; Tri-lite lamp; child's hockey game; electric polisher; table and chairs (wood); treadle sewing machine. VE 2-0878.

1959 Plymouth station wagon, auto. transmission, V8 motor, radio, seat covers, new tires and battery last year. Excellent running condition. VE 2-0878.

30 h.p. Mercury, 13 ft. plywood, moulded hull boat and trailer. \$575.00 cash. 57 Beaver Bend Crescent. VE 2-1678.

2 step tables; 1 coffee table; 1 chesterfield and chair; 1—3/4 bed and mattress; 1 kitchen set, table and 4 chairs; football pants and shoulder pads. VE 2-0816.

1951 Ariel 350cc motorcycle. Needs headlight, tail light and muffler to be roadworthy. VE 2-6372.

Doll buggy \$8.00; View Master and 9 reels \$3.00; Give A Show projector with 224 slides \$4.00; bunk beds \$25.00; curling game and hockey game \$5.00; electric train \$10.00; tent 5 x 5, \$3.00; 5 volumes of Uncle Arthur's Bedtime Stories, \$10.00. VE 2-6519.

2-wheel utility trailer with extra tire and wheel. Sturdy, well constructed. Can be used as a box trailer or has cradle to carry a boat, \$55.00. Call VE 2-1590.

WANTED

Used 4-ft. bed, with or without mattress. Phone JU 2-7686.

Child's car bed; hand lawn mower. Phone VE 2-3734.

Officer's mess kit, size 42, 38 waist, 5' 8" (approx.). Phone 453-6226.

FOR RENT

Lake front cottage, 3 bedroom in White-shell Forest Reserve. Paved highway. July 6-20. Completely furnished, electric stove and frig. 489-4059.

KODAK URGES CAUTION

(Continued from page 3)

As for cameras and exposures, Keene offers the following tips: Almost any camera may be used to photograph the eclipse. With a simple camera, using 126, 127 or 35mm film, the image would be quite small, perhaps one-half the thickness of a dime in diameter. If you use a movie camera, set it firmly on a tripod, and shoot short bursts of six or eight frames. Press and release smoothly and do not punch the button. This should be repeated without moving the camera, about every two or three minutes. If done correctly, the sun will appear to move across the screen in a few minutes of viewing time, blacken out during the eclipse, and then come back out the other side.

For cameras with zoom or telephoto lenses, use your longest focal length available or the strongest telephoto position of the zoom. Be sure that filter material for photographic exposure is placed over the lens. If you must look through your finder, use the other filter (metallic silver) in front of the finder. Of course, if you do not have a separate viewfinder or viewing lens, but use a single lens reflex camera, never use the viewing system unless the metallic silver (viewing) filter is in front of the lens. After the camera is positioned and the sun's image properly framed, the metallic filter must be removed and the taking filter inserted in its place. **BE SURE NOT TO VIEW THE SUN THROUGH THIS FILTER. USE IT FOR EXPOSURE PURPOSES ONLY!!** Shield the camera lens from the direct rays of the sun with a suitable object while performing this change.

If you are using a camera with a focal plane shutter, be sure that you do not point the lens at the sun without using a filter, as serious damage will result to the shutter curtain.

The only accurate way to determine exact or correct exposure during the partial phases is to take a test roll of photos on a sunny day several days or weeks before the eclipse. The sun's brightness remains about the same until the image of the moon obscures some 90 percent of the sun. The only guarantee of good pictures is to

shoot a test roll varying the exposures and using the same film and filters you plan to use the day of the eclipse. Since this is probably the most photogenic eclipse during the next 20 years, it would justify using a few test rolls to insure good pictures during the eclipse.

For those who wish to calculate their own exposures, here is a suggested formula. $f^2 = w \times s \times 10^{7-D}$, in which f = aperture setting, w = film speed in ASA ratings s = shutter speed in seconds, D = density of neutral filter in use. For example, with a neutral density filter of 5.0 (a 3.0 plus a 2.0 or other combination would work as well) Kodachrome-X (ASA64) and a shutter speed of 1/60 second, an (approximate) aperture of f/8 to f/11 would be required. To find 10^{7-D} subtract 5.0 from 7.0 which gives 10^2 or 100.

What does the sun look like during an eclipse?

The answer is that it looks different when different lenses, films, and exposures are used. Basically what happens is that the moon moves into a position which puts it between the sun and the earth. In the path of totality the moon is exactly centred and in alignment between the viewer and the sun. In other areas, the moon will cover only part of the sun.

Vistually, the image of the sun would, through the proper viewing filter, appear as a bright ball and as the moon moves between the sun and the photographer the image would change shape. During the period of totality, about one minute, the corona appears around the sun as a beautiful halo increasing in brightness from the sun's rim outward. Points of interest to observe and photograph are the corona and its streamers mentioned above. In the inner corona, or the portions of the sun's atmosphere appearing nearest the moon's edge, points of interest are the solar prominences and "Bailey's

Beads." Bailey's Beads are visible only for a second or two just before totality and just before the sun emerges. However, be sure to view them through the proper viewing filter. Bailey's Beads are caused by viewing the sun's disk through valleys on the rim of the moon. The phenomenon appears as a glittering necklace surrounding one edge of the moon.

In summary: the date is July 20, 1963. The occasion: a solar eclipse—total in portions of Ontario and Quebec; partial in the rest of Canada and the United States. Advice: **USE PROPER VIEWING FILTER.** Shoot tests well in advance and select the emulsion you want to use. Bring your camera, plenty of color film, a tripod and proper filters. Then, when nature gives you the signal, start shooting.

Single copies of a pamphlet, "Solar Eclipse Photography for the Amateur," (Kodak pamphlet M-10) are available without charge from the Sales Department, Canadian Kodak Sales Limited, Toronto 15, Ontario.



W. E. GRAY, Manager

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