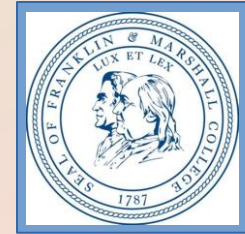


The IGY and Me

An introduction to my topical stamp collection and blog

Rob Sternberg
rs_sternberg@yahoo.com



Presentation to:
Philatelic Society of Lancaster County
James Buchanan Chapter #173 of the American Philatelic Society
Chapter #118 of the American Topical Association



27 April 2022

Find this slide show at <https://tinyurl.com/4mkx67xk>
Find my blog at <https://internationalgeophysicalyear.blogspot.com/>
or google "The IGY and me"

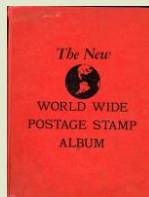


Outline of this presentation

- My stamp collecting history
- My blog
- What was the IGY?
- The U.S. IGY stamp
- Ervine Metzl, stamp designer
- IGY checklists and articles
- IGY stamp overview
- IGY covers - IGY accomplishments and people
- IGY stamp one-page exhibit
- How I buy
- IGY stamp albums
- I.G.Y. anthem

How did I work up to my current collections?

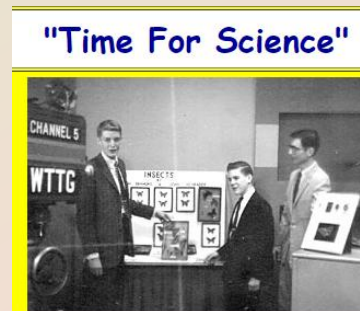
Childhood stamp collection



Was a school child during and after the International Geophysical Year

Studied physics (1968-72) and geophysics (1974-82), and taught geophysics at F&M for 33 years

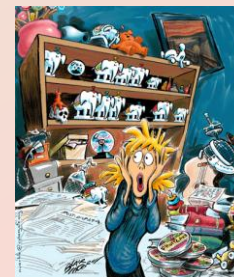
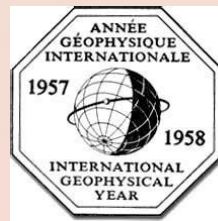
GEOSCIENCES
THE UNIVERSITY OF ARIZONA



WTTG tv
1958-61

Wanted to start a collection of *something(?)*, early 2000s

Anticipated the semicentennial of the IGY in 2007



Started a blog about the IGY and my collection, 2020
(<https://internationalgeophysicalyear.blogspot.com/>)

The IGY and Me

Science, History, Culture, Philately and Memorabilia of the International Geophysical Year (1957-58)

Blogging

Previous blogs

[*Shaking Earth*](#), for the Lamont-Doherty Cooperative Seismographic Network (Oct. 2008 - May 2011, ≈9/month)

[*SAS Bulletin Online*](#), for the Society for Archaeological Sciences (Jan. 2009 - June 2011, ≈5/month)

Why I started “The IGY and Me”

desire to share and educate

not planning to exhibit

Julie and Julia (2009) - Julie Powell and Julia Child

My principles of blogging

frequency

length

links

pics

tangents

personal <https://www.youtube.com/watch?v=ozRK7VXQI-k&t=10s>



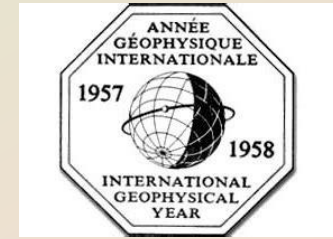
Current blog model - summarising articles of the *IGY Bulletin* (1957-1965, 96 issues, 16 pages, 5 articles)

What was the IGY?

18 months, July 1, 1957 - Dec. 31, 1958, to encompass solar maximum
67 countries employing 10,000 scientists at 2,000 global research stations

Maybe \$20 billion in today's dollars

The IGY was also the 3rd Int'l Polar Year, after 1882 and 1932, and before 2007



“The International Geophysical Year (IGY) was perhaps the most **ambitious** and at the same time **the most successful cooperative enterprise ever undertaken** by man. The IGY was a scientific year. It was a year when men [sic] of sixty-seven nations agreed to **observe the earth over its whole surface, simultaneously, and with precise instruments** designed to the same standards so that the changing phenomena enveloping the earth could be caught and described in their full global sense.”

(Lloyd Berkner, President, International Council of Scientific Unions; Forward to *IGY: The Year of the New Moons*; 1961)

“The International Geophysical Year is remembered as a **remarkably successful cooperative scientific effort of worldwide simultaneous geophysical observations, which created new forms of international scientific collaboration and organizational infrastructure for large-scale data-driven research** ... Occurring at the time of the Cold War, the IGY transcended national and professional boundaries, created new forms of international scientific collaborations, and produced valuable scientific data and results.”

(Aronova et al., 2010, Big Science and Big Data in Biology: From the International Geophysical Year through the International Biological Program to the Long Term Ecological Research (LTER) Network, 1957–Present)



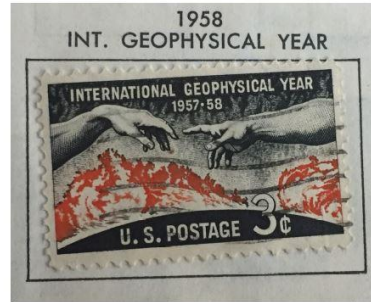
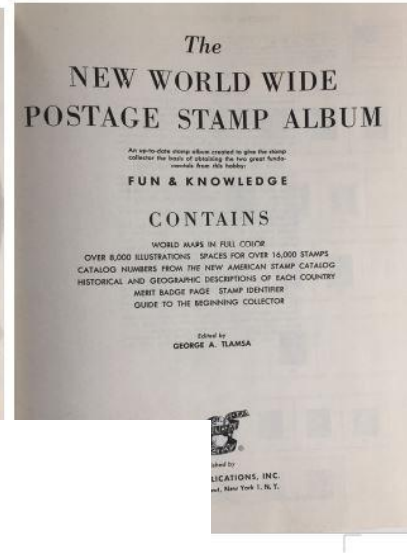
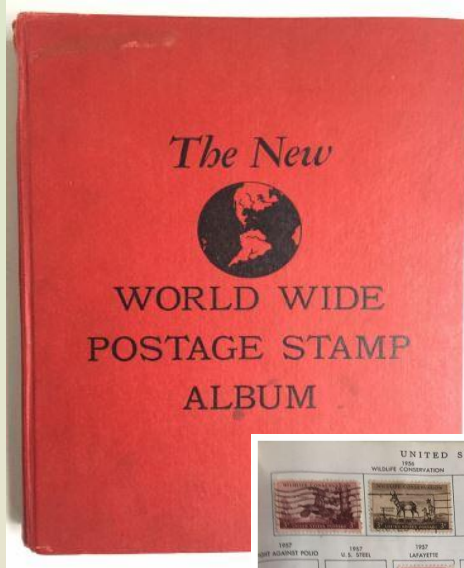
<https://www.youtube.com/watch?v=rzOzNSB5iNY>

Fields of study of the IGY

14 designated areas for scientific pursuits during the IGY:

1. World Days and communications
2. meteorology
3. geomagnetism (discovery of the Van Allen radiation belts)
4. aurora and airglow
5. ionosphere
6. solar activity
7. cosmic rays
8. longitudes and latitudes
9. glaciology (exploration and study of Antarctica)
10. oceanography
11. rockets and satellites (plans to launch satellites by U.S. and USSR)
12. seismology
13. gravity
14. nuclear radiation

The U.S. IGY stamp - Scott 1107



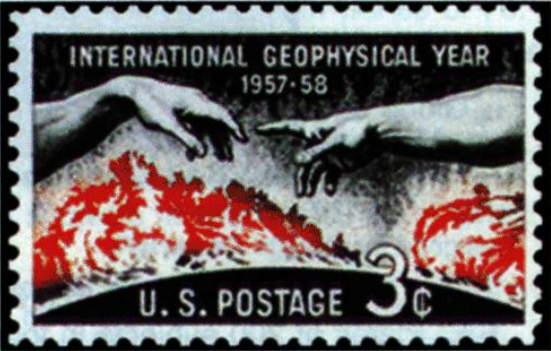
The U.S. IGY stamp - Scott 1107



The “centerpiece” of my IGY collection is the U.S. commemorative postage stamp issued during the IGY.

All items shown in this presentation are from my personal collection.

GEOPHYSICAL YEAR ISSUE
International Geophysical Year, 1957-58.



Solar Disc and Hands from Michelangelo's "Creation of Adam" — A554

Designed by Ervine Metzl.

GIORI PRESS PRINTING
Plates of 200 subjects in four panes of 50.

1958, May 31 **Perf. 11**
1107 A554 3c black & red orange .20 .20
P# block of 4 .40 —

Scott catalog listing for the IGY stamp

The U.S. IGY stamp - Scott 1107



Scott 1107

- Fourth U.S. stamp (after Scott 1094 Old Glory, 1096 Magsaysay, and 1098 whooping cranes) printed using the engravure/intaglio method by the Giori Press, which allowed for simultaneous application of two or three differently colored inks.
- One of the last three U.S. stamps issued with a 3¢ denomination. The rate for first-class postage had been unchanged since 1932, but went to 4¢ on August 1, 1958, (the longest interval in U.S. postal history with no rate change).
- Issued one day after my 8th birthday.

The U.S. IGY stamp - Scott 1107



POSTAL BULLETIN

INSTRUCTIONS AND INFORMATION FOR POSTAL EMPLOYEES

PUBLISHED WEEKLY



LXXIX

Washington 25, D. C., Thursday, April 24, 1958—Eight Pages

20080

All Postal Installations

International Geophysical Year Commemorative Postage Stamp

The Department will issue a 3-cent stamp honoring the International Geophysical Year through the Chicago, Ill., post office, on May 31, 1958.

POSTMASTERS SHALL NOT PLACE THIS STAMP ON SALE BEFORE JUNE 1, 1958



This stamp will be 0.84 by 1.44 inches in dimension, arranged horizontally, and issued in sheets of 50. It will be printed on the Giori rotary sheet-fed press, in two colors, back and orange, and perforated on an L-type machine. An initial printing of 120,000,000 has been authorized.

envelopes, together with money order remittance to cover the cost of the stamps to be affixed, to the Postmaster, Chicago 7, Ill. An enclosure of medium weight should be placed in each envelope and the flap either turned in or sealed. Envelopes submitted should be of ordinary letter size and each must be properly addressed. An envelope must not be sent for return of first-day covers. The outside envelope to the Postmaster should be endorsed *First Day Covers Geophysical Year Stamp*. Collectors should refrain from requesting hand cancellations since covers will be machine canceled so far as practicable. Orders for first-day covers must not include requests for uncanceled stamps.

For the benefit of collectors desiring stamps of selected quality for philatelic use, the 3-cent International Geophysical Year commemorative stamp will be available at the Philatelic Sales Agency, Post Office Department, Washington 25, D. C., on and after June 2, 1958. To insure prompt shipment, mail orders to the Agency should include no other stamp issues. **The Philatelic Sales Agency does not service first day covers.**

Postmasters at first-class post offices requiring this issue in lots of 25,000,


All Postal Installations

Appointment

Clarence E. Knudson was appointed Regional Operations Director for the Minneapolis Region, effective April 5, 1958.—*Deputy Postmaster General.*

CONTENTS

Title	Page	Column
Anchoring of Street Letter Box Equipment.....	5	1
Annual Mail Box Improvement Program.....	2	2
Appointment.....	1	3
Bad Odors in Washrooms.....	2	1
Claims for Injury to Private Persons or Damage to Private Property.....	4	2
Designation of Coordinators for Employment of the Physically Handicapped.....	6	3
Federal Income Tax Forms.....	2	1
Forms Renumbered.....	2	3
Group Life Insurance.....	6	1
Fraud and Unlawful Orders.....	7	1
International Geophysical Year Commemorative Postage Stamp.....	1	1
Mail for Kailua and		



THE BUREAU SPECIALIST

PUBLISHED MONTHLY BY THE

BUREAU ISSUES ASSOCIATION, INC.

WEST SOMERVILLE 44, MASSACHUSETTS

Subscription \$5.00 per calendar year

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13 Woodvale Road, Branford, Connecticut
43-34 Union Street, Flushing, New York

Send all matter concerning the Bureau Specialist to:
R. A. BRYANT, Editor
Entered as second class matter June 29, 1938, at the post office at Boston, Massachusetts

Vol. XXX, No. 2

FEBRUARY, 1959

Whole Number 348

GEOPHYSICAL YEAR ISSUE


3c BLACK & ORANGE — ISSUED MAY 31, 1958

SOL GLASS

On November 2, 1957 Postmaster General Arthur E. Summerfield made known a list of nine selections for commemorative postage stamps as recommended by the Citizen's Stamp Advisory Committee to be issued during 1958, one of these being a stamp honoring the International Geophysical year. It

Ervin Metz, the designer of the stamp, explained that "In the small confines of a postage stamp we have endeavored to picture a man's wonder at the unknown together with his determination to understand it and his need for spiritual inspiration to further his knowledge."

The U.S. IGY stamp - Scott 1107



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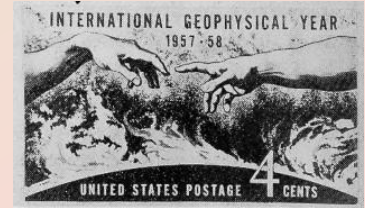
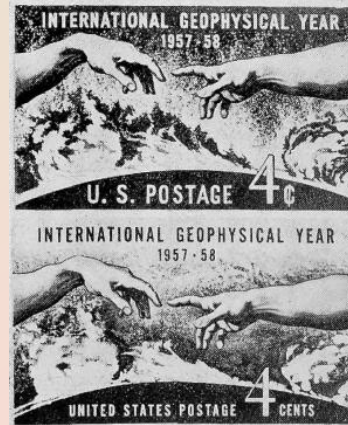
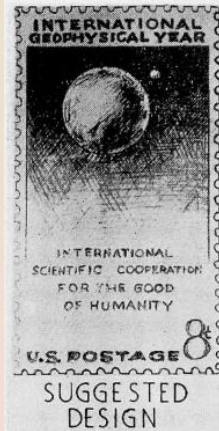
GEOPHYSICAL YEAR ISSUE
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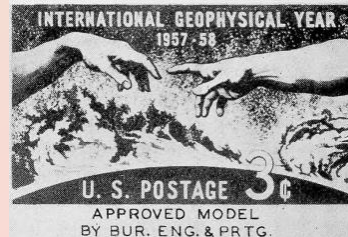


Designed by Ervin Metz



MODELS BY BUR. ENG. & PRTG.

Modeled by Charles Chickering and William Schrage, BEP



Originally planned for release on Dec. 31, 1958 (last day of IGY). Rate increased from 3¢ to 4¢ on Aug. 1, 1958.

The U.S. IGY stamp - design



Scott 1107

The solar portion of the stamp image looks more like a solar prominence than a solar flare, which is more linear.



<https://www.youtube.com/watch?v=NXzFggQw6T8&t=3s>

The U.S. IGY stamp - design



Scott 1107



Maxicard first day cover, showing *The Creation of Adam*



Frescoes by Michelangelo
on the ceiling of the Sistine
Chapel

The U.S. IGY stamp - first day of issue

NORTH SHORE  ROOSEVELT

★ GERMANY ★ PRECANCEL ★ CHINA ★ CZECHO-SLOVAKIA ★

FIRST-DAY-OF-ISSUE CEREMONY
of the
COMMEMORATIVE STAMP
Honoring The
INTERNATIONAL GEOPHYSICAL YEAR



in conjunction with the
**COMBINED PHILATELIC EXHIBITION
OF CHICAGOLAND**

Saturday, May 31, 1958 – 10:00 a.m.

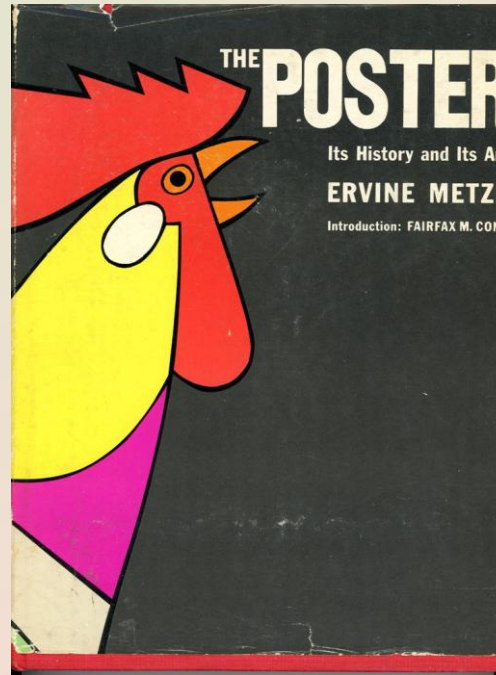
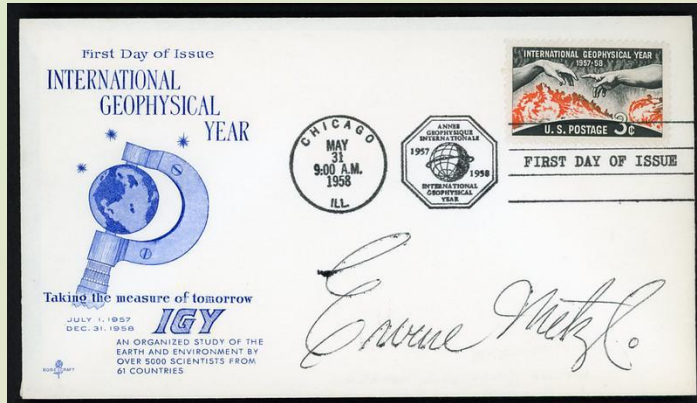
★ CHICAGO MAY 31 9:00 A.M. 1958 ILL. ★

★  ★  ★

★ ELMHURST ★ AUSTIN ★ SCANDINAVIA ★



Ervine Metztl, U.S. IGY stamp designer

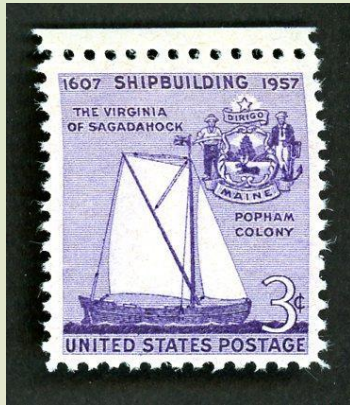


“one of the sorriest continuing exhibitions of the poster art in America today is made up of the parade of bad drawings and impossible ideas that decorate the U.S. postage stamp... Most of these stamps appear to have been contrived out of nothing good for a committee without taste or any notion of all of what makes a postage stamp dress up a letter.”

Fairfax M. Cone
(American advertising executive)
Introduction to *The Poster*



Ervine MetzI - Stamps designed, 1957-1958

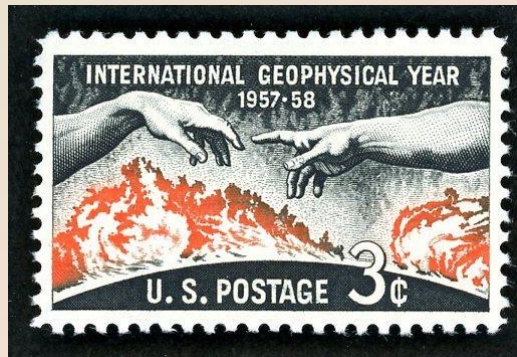


Shipbuilding
Scott 1095; 1957
co-designers: Marguerite Thompson Zorach, A.M. Main Jr, George F. Cary II
350th anniversary of America's commercial shipbuilding industry. See Charles Posner's article in *The American Philatelist*, April 2022.

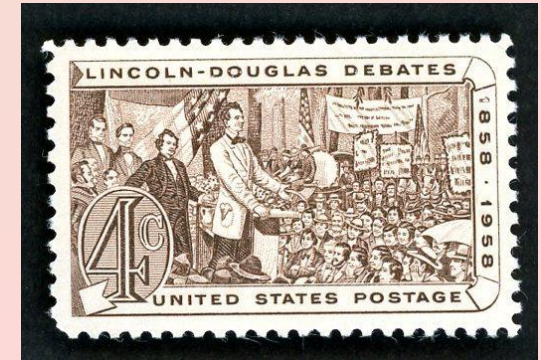


Lafayette birth bicentennial
Scott 1097; 1957

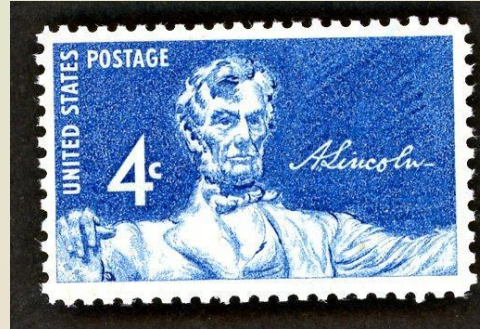
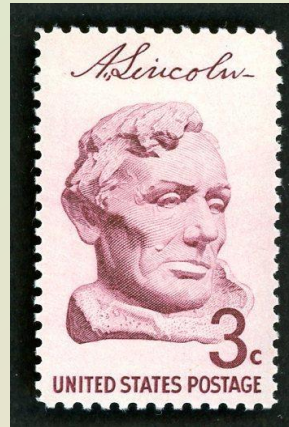
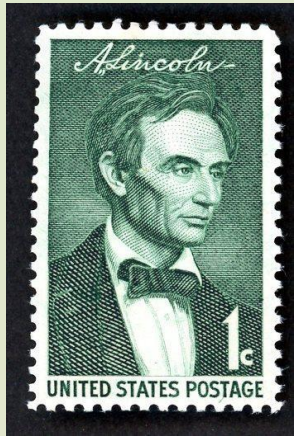
International
Geophysical Year
Scott 1107; 1958
U.S. participation in
the IGY



Lincoln-Douglas
Debate centenary
Scott 1115; 1958



Ervin Metz - Stamps designed, 1959-1960

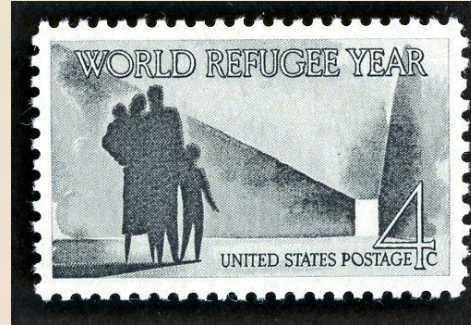
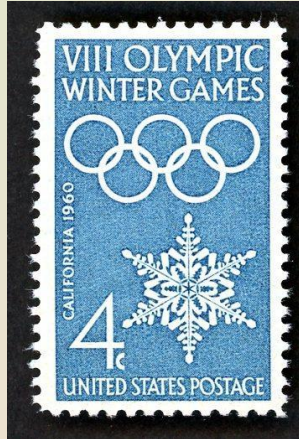


Lincoln Sesquicentennial Series

Scott 1113; 1959

Scott 1114; 1959

Scott 1116; 1959



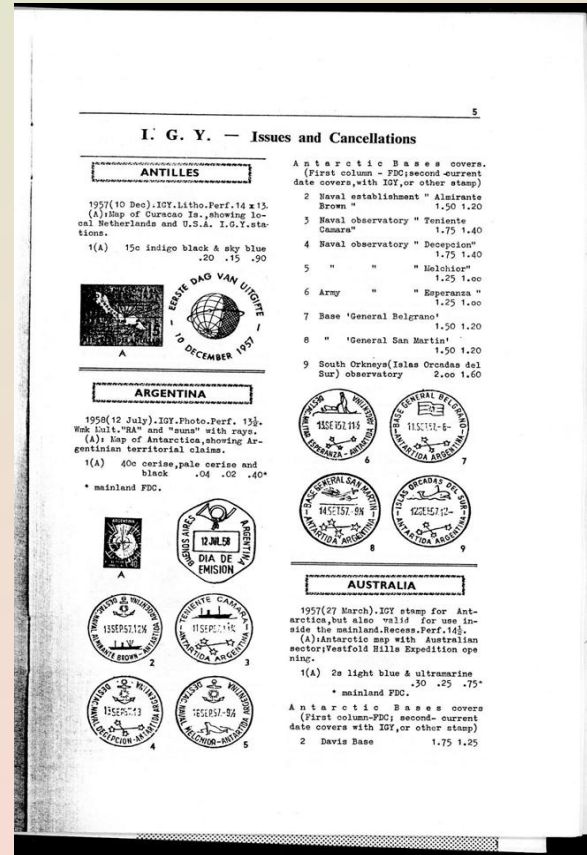
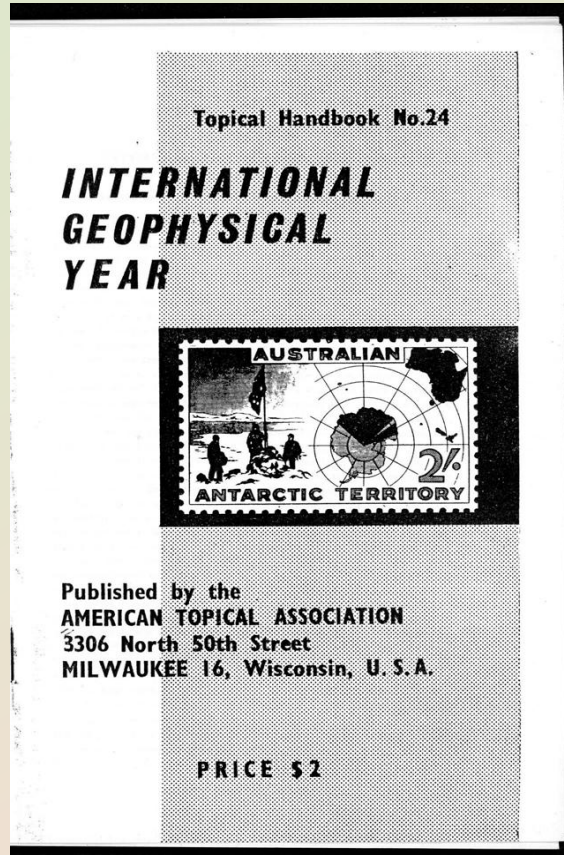
Scott 1146; 1960 VIII Olympic Winter Games, Palisades Tahoe (nee Squaw Valley), CA

Scott 1149; 1960 United Nations' World Refugee Year

Scott 1173; 1960 Communications for Peace, Echo 1 satellite (8/12/1960)

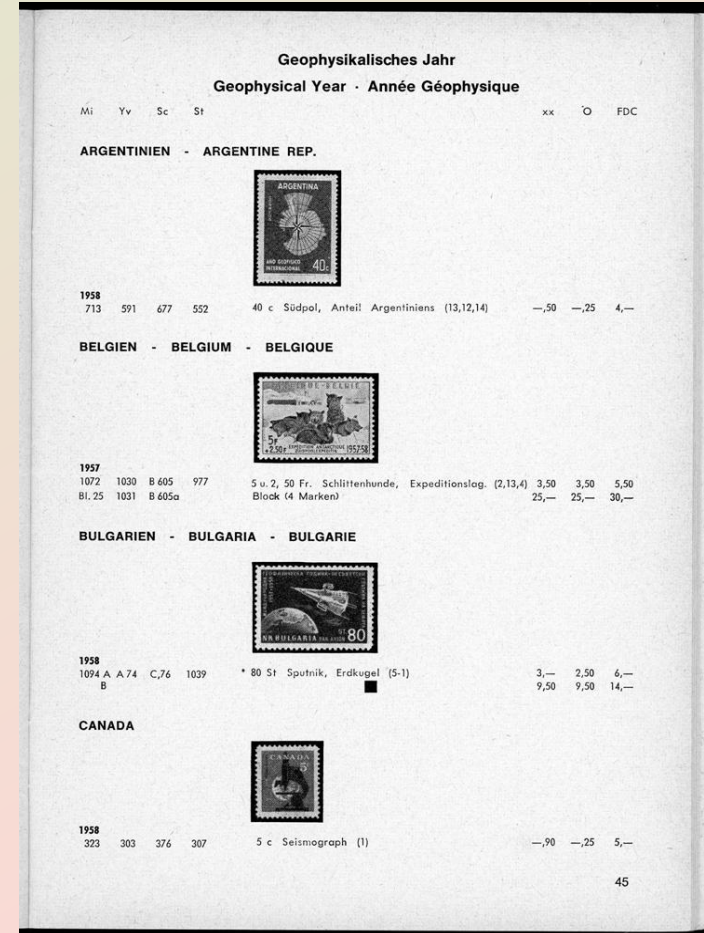
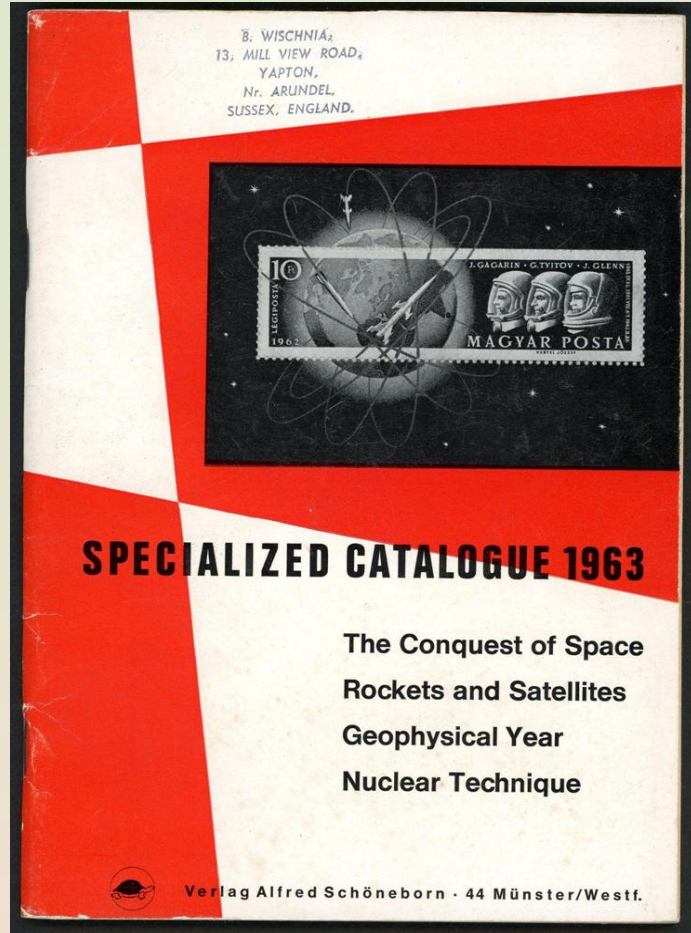
First U.S. satellite stamp!

Checklists on IGY stamps




A.M. Hodson, 1958, 15 p.
Stamps and cancellations

Checklists on IGY stamps



Checklists on IGY stamps and covers

 ATA Checklist 354: International Geophysical Year Updated on Apr 04, 2014. Other contributors can be found on the next tab. Total records as of run date: 43 Compiled by: Garry Toth; Don Hillger on Jul 01, 2006 Common Type Codes (see next tab for full alphabetic listing): ST = Stamps, B = Semi-Postal, C = Airmail, J = Postage Due, O = Officials, R = Revenue, E = Special Delivery									
Stamp ID	Type	Country	Year	Mon	Day	Denom.	Scott	Description	Non-Nbr'd S/S in Set
35000	ST	Argentina	1958	Jul	12	40c	677	Intl. Geophysical Year, Compass Rose, Antarctic Map, Sun Rays	No
41691	B	Belgium	1957	Oct	18	5fr+2.50fr	B605a-b	Belgian Antarctic Expedition, 1957-58; Sled Dogs, Helicopter Bell Model 47	No
19110	ST	British Antarctic Terr.	1987	Dec	25	Various	141-44	Weather Balloon and Rawinsonde, Intl. Geophysical Year	No
48677	C	Bulgaria	1958	Dec	01	80s	C76	Sputnik 3, IGY	No
53764	ST	Canada	1958	Mar	05	5c	376	IGY - Microscope and Globe	No
58307	ST	Chile	1958	Apr	28	40p	305	Intl. Geophysical Year	No
58308	C	Chile	1958	Aug	28	50p	C214	Intl. Geophysical Year	No
60086	ST	China, PR	1958	Oct	30	Various	379-81	IGY - Soviet Scientific Achievements: Sputnik, Sputnik 3, Globe and Orbits of Three Soviet Artificial Satellites, Armillary	No
61801	ST	Colombia	1958	May	12	10c	680	Intl. Geophysical Year photo: Francisco de Calda (1768-1816), Astronomer, Laid Down Principles of Altitude Measurements	No
61802	C	Colombia	1958	May	12	Various	C309-10	Francisco Jose de Caldas (1768-1816), Writer, Astronomer, Tycho Brahe (1546-1601), Armillary	No
67012	ST	Cuba	1977	Apr	12	Various	2132-37	Vanguard 2, Intl. Geophysical Year, Earth, Moon, Luna 1 and 2, Saturn, Luna 16	No
69100	ST	Czech Republic/Czechoslovakia	1957	Dec	20	Various	836-37	Radio Telescope, Meteorological Station in Lomnický štít in High Tatras, Ondřejov Observatory, Intl. Geophysical Year	No
73496	B	Dominican Republic	1959	Apr	13	1c+2c	B21	1956 Melbourne Olympics - Gillian Sheen (1928-) - Fencing, o/p	Yes
73500	CB	Dominican Republic	1959	Apr	13	Various	CB13-15	1956 Melbourne Olympics, o/p	Yes
74478	ST	Ecuador	1958	Dec	20	1.80s	650	Globe and Satellites, Intl. Geophysical Year	No
79244	ST	Falkland Island Dependencies	1956	Jan	30	1p	11.34	Antarctic Survey Ship "Trepassey", Queen Elizabeth II (1926-, British)	No
79245	ST	Falkland Island Dependencies	1956	Jan	30	2 1/2p	11.35	Antarctic Survey Ship "Penola", Queen Elizabeth II (1926-, British)	No
79246	ST	Falkland Island Dependencies	1956	Jan	30	3p	11.36	Antarctic Survey Ship "Discovery II", Queen Elizabeth II (1926-, British), Penguin	No
79247	ST	Falkland Island Dependencies	1956	Jan	30	6p	11.37	Antarctic Survey Ship "Discovery", Queen Elizabeth II (1926-, British), Penguin	No



International Geophysical Year (IGY) (1957 — 1958) [3rd IPY]

Below is a checklist of **International Geophysical Year (IGY)** postal items (stamps, souvenir sheets, aerogrammes, postal cards, etc.). Catalog numbers, years of issue, and notes on the items featured are given when available. If readers know of additional information or images, please contact the authors using the e-mail addresses at the bottom of this page.

IGY is less commonly known as the 3rd [International Polar Year \(IPY\)](#).

Launch covers (including anniversary-of-launch covers, and launch-related event covers) (farther below)	Other postal items (stamps, souvenir sheets, aerogrammes, postal cards, etc.) (immediately below)
International Geophysical Year (IGY) (1957 — 1958)	International Geophysical Year (IGY) (1957 — 1958)

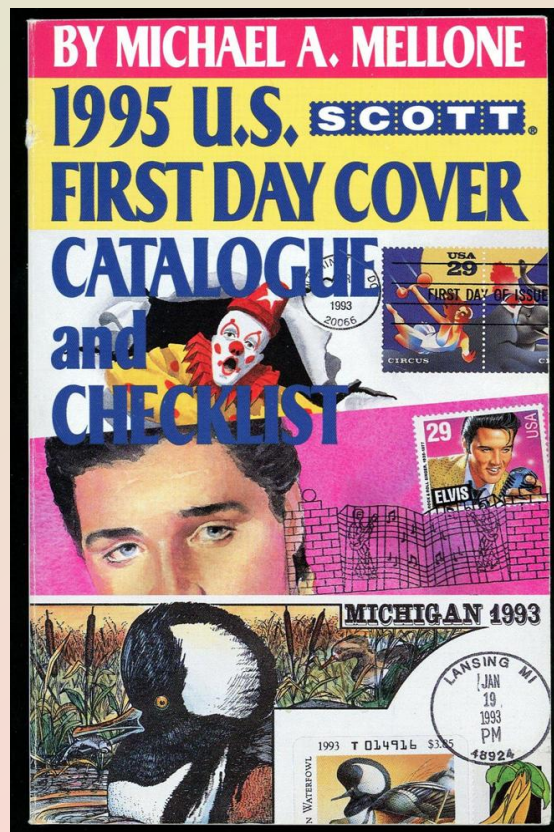
Below is a list of **International Geophysical Year (IGY)** on **postal items** (stamps, souvenir sheets, aerogrammes, postal cards, etc.).

Country	Catalog Number	Type of Item	Year of Issue	Notes on Content
International Geophysical Year (IGY) (1957 — 1958)				
Argentina	677 (Mi684)			
Argentina	677 fdc1	Stamp on FDC (CFL cachet)		
Argentina	677 fdc2	Stamp and (multi-color printed) cachet on FDC (Buenos Aires cancel)		

<https://rammb.cira.colostate.edu/dev/hillger/igy.htm>

Garry Toth and Don Hillger

Checklist on IGY covers



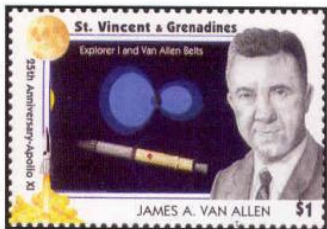
Mellone's Specialized Cachet Catalog of First Day Covers of the 1950s (thank you, APS Library)

A Philatelic Look at the IGY and the Dawn of the Space Age

Don Hillger – SU5200 and Garry Toth

International cooperation has been a hallmark of geophysical research for the last 125 years. The first International Polar Year (IPY), in 1882-83, brought 11 nations together in polar science projects. The second IPY, fifty years later in 1932-33, involved some 44 nations in geophysical research projects, mostly in the Arctic.

In 1950, several distinguished scientists including Lloyd Berkner (1905 – 1967), James van Allen (1914 -2006) and Sidney Chapman (1888 – 1970) realized that technologies developed during World War II such as rockets and radar could be used in a new round of geophysical research. With the first and second



James van Allen (1914 -2006)
[St Vincent and Grenadines Scott 2080f]

Astrophile, v. 52, #299, 2007, p. 155-164

22

January-February 2020

The Restless Sphere – when the future began

Earth, Climate and Space, Penguins and Polar Lights – The International Geophysical Year became a topic with remaining importance.

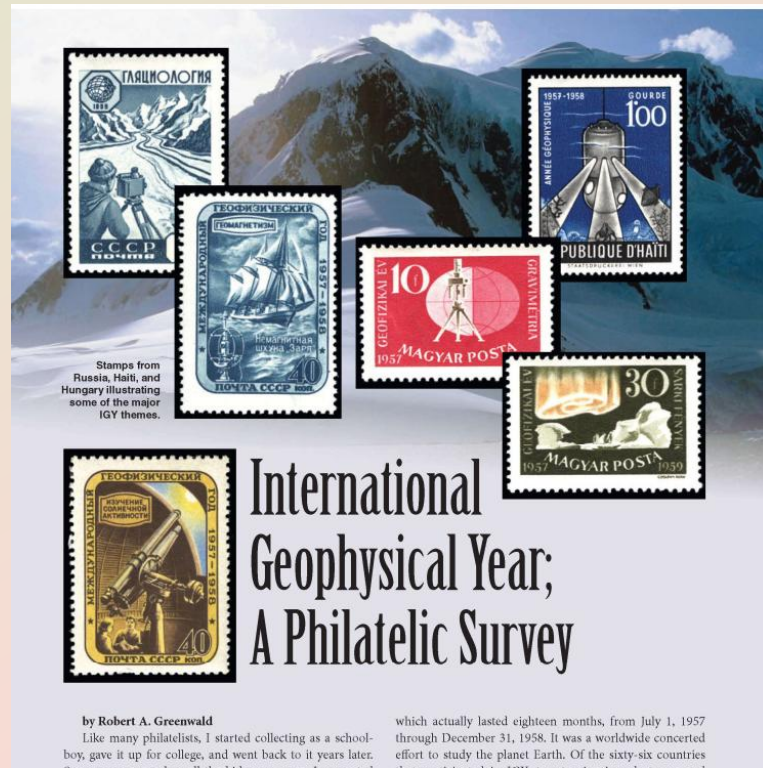
By Michael Burzan

Earth, climate and space, penguins and polar lights – The International Geophysical Year became a topic with remaining importance. From July 1, 1957, until Dec. 31, 1958, the International Geophysical Year (IGY) is regarded as the most important peaceful cooperation since the Renaissance age. During this period, scientists from 67 countries around the globe worked together intensively to advance the exploration of the Earth, its poles and space. Their findings on oceans and continents, glaciers and ice regions, meteorology, geomagnetism, cosmic rays and solar research still provide basic data. The most momentous project proved to be the launch of the first



Topical Time, Jan.-
Feb. 2020, p. 22-29

Articles on international IGY stamps and covers



Stamps from
Russia, Haiti, and
Hungary illustrating
some of the major
IGY themes.

International Geophysical Year; A Philatelic Survey

by Robert A. Greenwald

Like many philatelists, I started collecting as a school-boy, gave it up for college, and went back to it years later.

which actually lasted eighteen months, from July 1, 1957 through December 31, 1958. It was a worldwide concerted effort to study the planet Earth. Of the sixty-six countries

American Philatelist, Feb. 2007, p. 138-146
Also *The 1958 IGY stamp, First Days*, Sept.
1, 2008, p. 51-56.

IGY stamps and covers



Neighbor and McCaskey student Lucie de Syon has been helping me scan and catalog my stamps and covers.

Epson Perfection V600 Photo scanner.

The poster is from a set of 6 published by the National Academy of Sciences published in 1956 for the IGY. This poster is an original, and I have an original of the booklet. The posters themes are: Earth; Oceans; Poles; Space; Sun & Earth; Weather & climate.

You can download the booklet and posters at this [link](#).

My collection has a variety of technical books, popular books, magazines, music, movies and other miscellanea.

All my IGY stamps

Argentina	Cuba	Japan
Australian Antarctic Territory	Czechoslovakia	Netherlands Antilles
Belgium	Dominican Republic	New Zealand (Ross Dependency)
British Antarctic Territory	East Germany	North Korea
British Falkland Islands	Ecuador	Norway
British South Georgia and the South Sandwich Islands	Finland	Peru
Bulgaria	France	Poland
Canada	French Southern and Antarctic Lands (TAAF)	Soviet Union
Chile	Haiti	United States
China	Hungary	Yugoslavia
Colombia	Indonesia	24

All my IGY stamps - 1



[illegible]

All my IGY stamps - 3



All my IGY stamps - 4



All my IGY stamps - 5



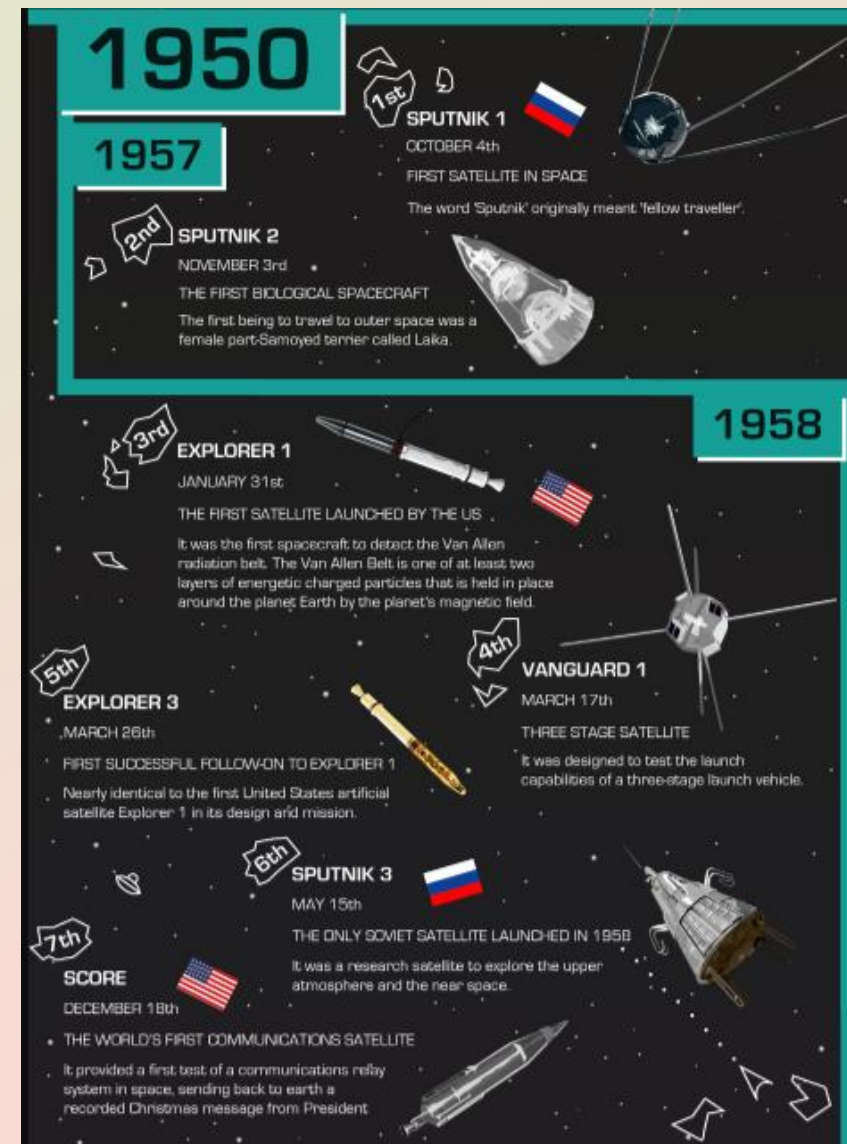
[illegible]

Major accomplishments of the IGY

1. Launching of the first artificial satellites



<https://www.jpl.nasa.gov/infographics/an-early-history-of-satellites-timeline>



Major accomplishments of the IGY

1. Launching of the first artificial satellites

Approved For Release 2006/03/17 : CIA-RDP80B01676R002700050014-5

8 October 1958

MEMORANDUM FOR THE RECORD

SUBJECT: Resume of OCB Luncheon Meeting, 8 October 1958

PRESENT: Mr. Dulles, Mr. Gray, Mr. Harr, Mr. Herter, Mr. Irwin, Mr. McCone, Mr. Scribner, Mr. Smith, Mr. Washburn, Mr. Melbourne

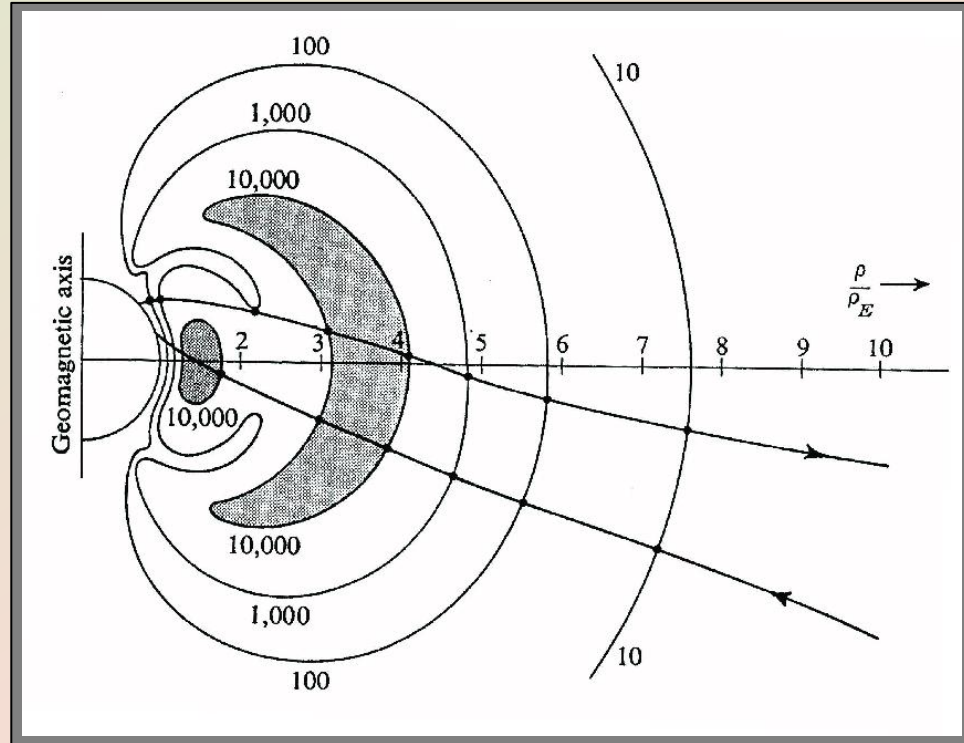
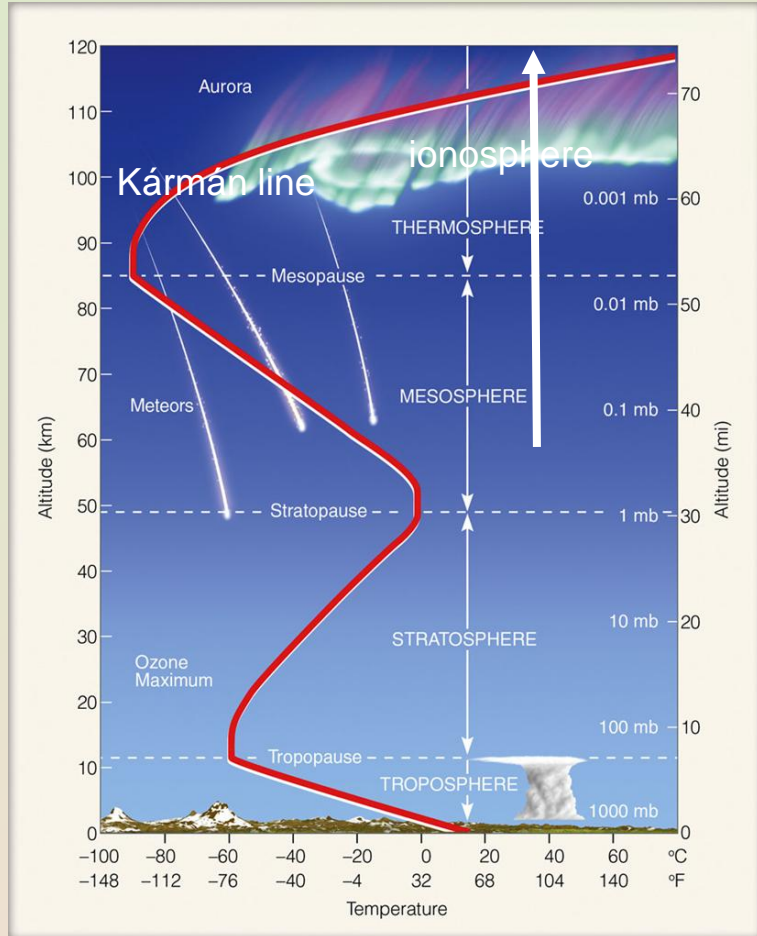
3. Proposed Postage Stamp to Commemorate Explorer

A suggestion by the Army was then brought up having to do with the possibility of a commemorative postage stamp in honor of the launching of Explorer I. The majority of the Board felt that it might be unwise to issue such a stamp in view of the obvious disparity which now exists between our accomplishments in the satellite field and those of the USSR.



Major accomplishments of the IGY

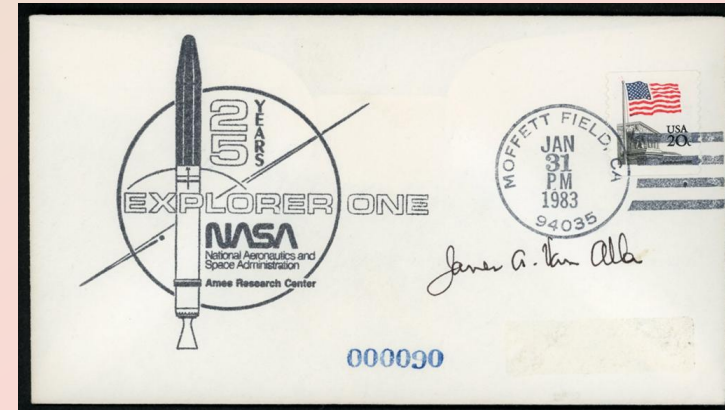
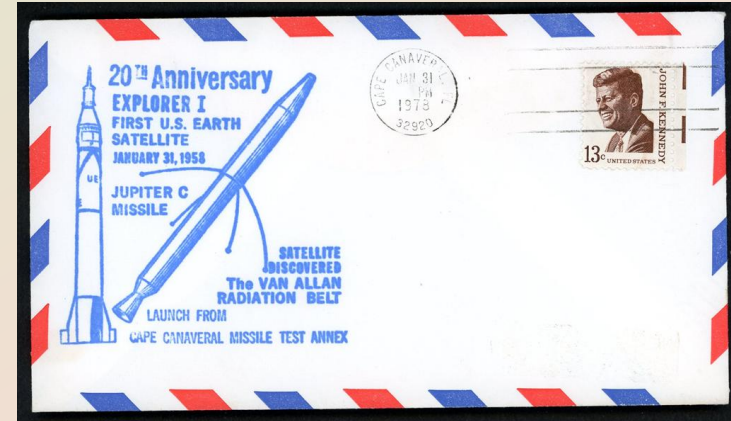
2. Discovery of the Van Allen radiation belts



Van Allen's first map of the radiation belts, showing the inner and outer zones of high count rate. The contours are labeled by the count rate of a Geiger counter.
1 Earth radius = 6400 km

Major accomplishments of the IGY

2. Discovery of the Van Allen radiation belts



IGY BASES ON THE ANTARCTIC PENINSULA AND ISLANDS

UNITED KINGDOM

BASE A, PORT LOCKROY
BASE B, DECEPTION ISLAND
BASE D, HOPE BAY
BASE F, ARGENTINE ISLAND
BASE G, ADMIRALTY ISLAND
BASE H, SIGNY ISLAND
BASE J, PROSPECT POINT
BASE N, ANVERS ISLAND
BASE O, DANCO COAST
BASE W, DETAILE ISLAND
BASE Y, HORSESHOE ISLAND

ARGENTINA
ORCADAS STATION
MELCHIOR STATION
PRIMERO DE MAYO STATION
SAN MARTIN STATION
ALMIRANTE BROWN STATION
ESPERANZA STATION
TENIENTE CAMARA STATION

SOUTH AFRICA
MARION ISLAND
GOUGH ISLAND

CHILE
BERNARDO O'HIGGINS STATION
GONZALEZ VIDELA STATION
ARTURO PRAT STATION
AGUIRRE CERDA STATION
COPPERMINE COVE STATION

BUILDING A CONTINENT FOR SCIENCE

Major accomplishments of the IGY

3. Antarctic/polar studies

	ARGENTINA
	AUSTRALIA
	BELGIUM
	CHILE
	FRANCE
	JAPAN
	NEW ZEALAND
	NORWAY
	SOUTH AFRICA [ISLAND BASES]
	UNITED KINGDOM
	UNITED STATES
	USSR

U.S. IGY Bases

Amundsen-Scott South Pole (1956)

Byrd (1957)

Ellsworth (1957)

Wilkes (1957)

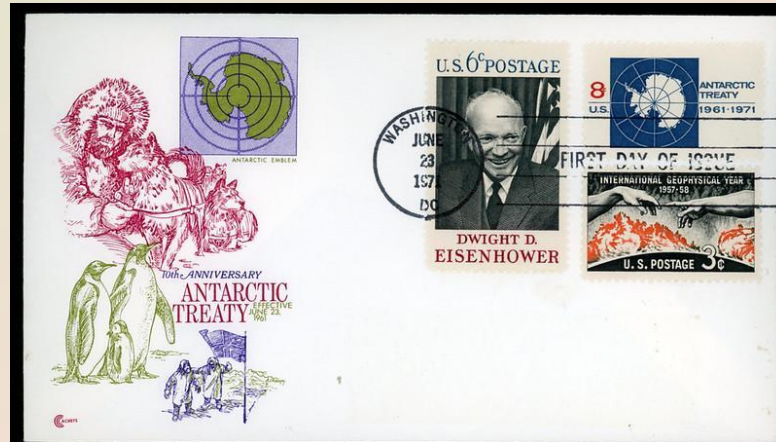
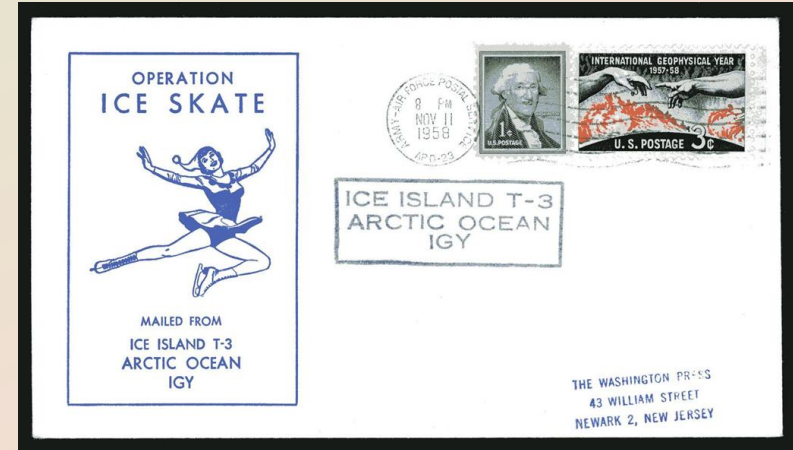
Hallett (1956)

McMurdo (1956)

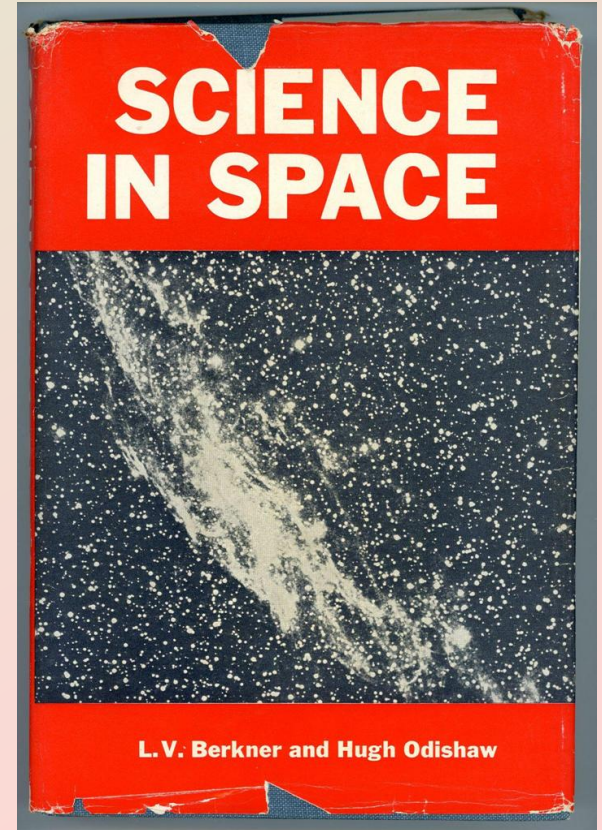
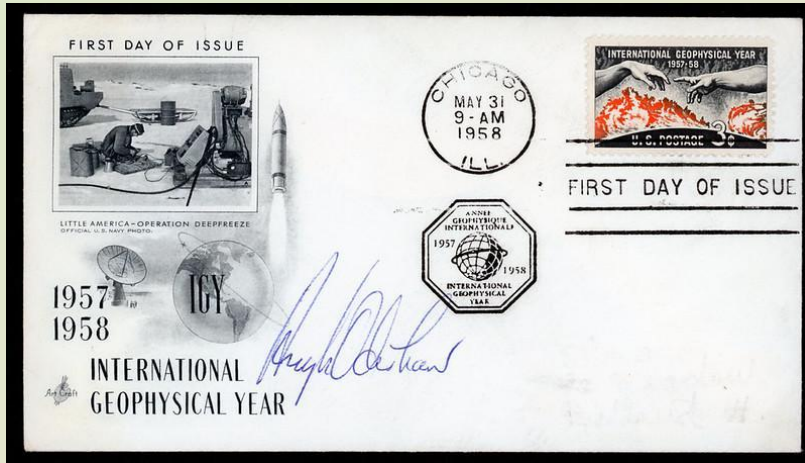
Little America V (1956)

Major accomplishments of the IGY

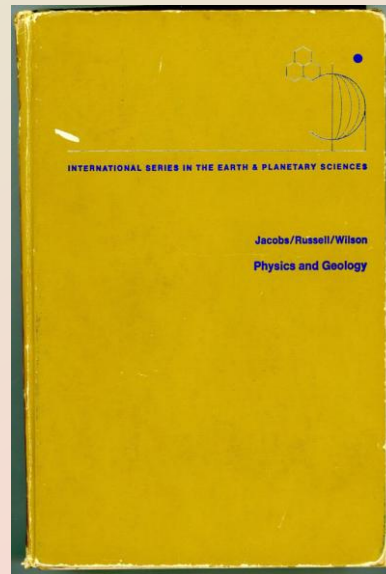
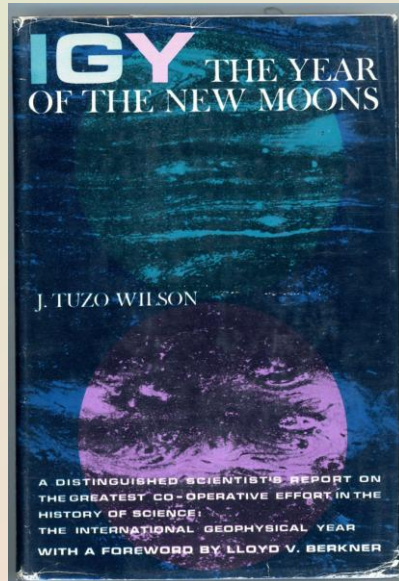
3. Antarctic/polar studies



People of the IGY



People of the IGY



With the amplification of I. Z. Lelli
Convection tectonics: some possible effects upon the Earth's surface of flow from the deep mantle

1199

J. TUZO WILSON

Department of Physics, University of Toronto, Toronto, Ont., Canada M5S 1A1

Received March 23, 1988

Revision accepted July 14, 1988

Until a little more than a century ago the land surface not only was the only part of the Earth accessible to humans but also was the only part for which geophysical and geochemical methods could then provide any details. Since then scientists have developed ways to study the ocean floors and some details of the interior of the Earth to ever greater depths. These discoveries have followed one another more and more rapidly, and now results have been obtained from all depths of the Earth.

IGY stamp one-page exhibit, 2021

Geoscientific Themes of IGY Stamps

Rob Sternberg (rs_sternberg@yahoo.com; <https://internationalgeophysicalyear.blogspot.com/>)

The International Geophysical Year (IGY) was one of the most ambitious and successful scientific programs ever undertaken. It was an 18-month "year" from July 1, 1957 – Dec. 31, 1958 when scientists representing 67 nations measured many characteristics of the Earth over much of its surface.

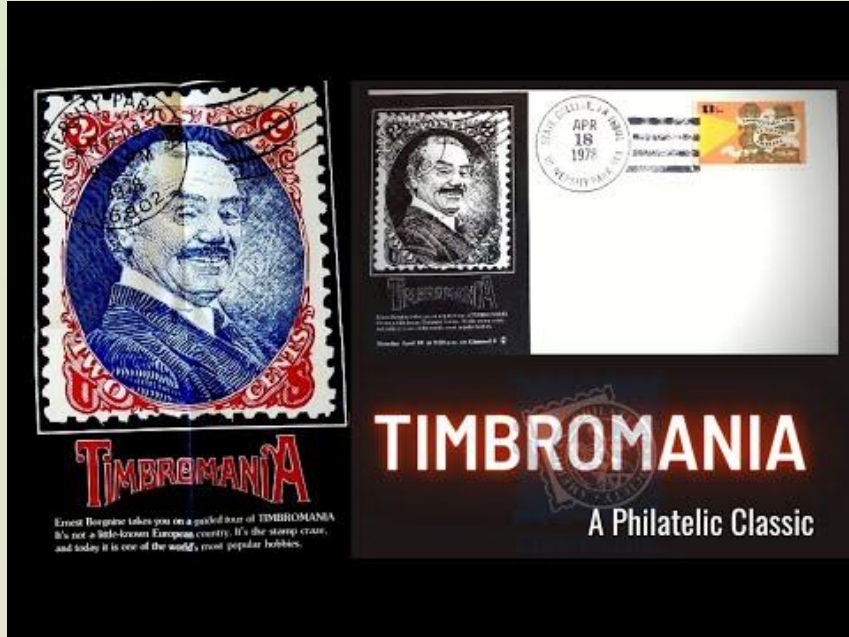
I count 19 countries that issued IGY stamps during the IGY or the follow-up period continuing through 1959. Below I include one IGY stamp from each of these countries, noting the general theme of the stamp, in alphabetical order by country.



19 countries that issued stamps during the IGY
1 July 1957 - 31 Dec. 1958

My submission this year was for my other
collection, on United States earthquakes

How I buy




In the old days ...

Timbromania, 1984, WPSX-TV ([YouTube](#))







these days ... eBay

saved searches generate daily emails

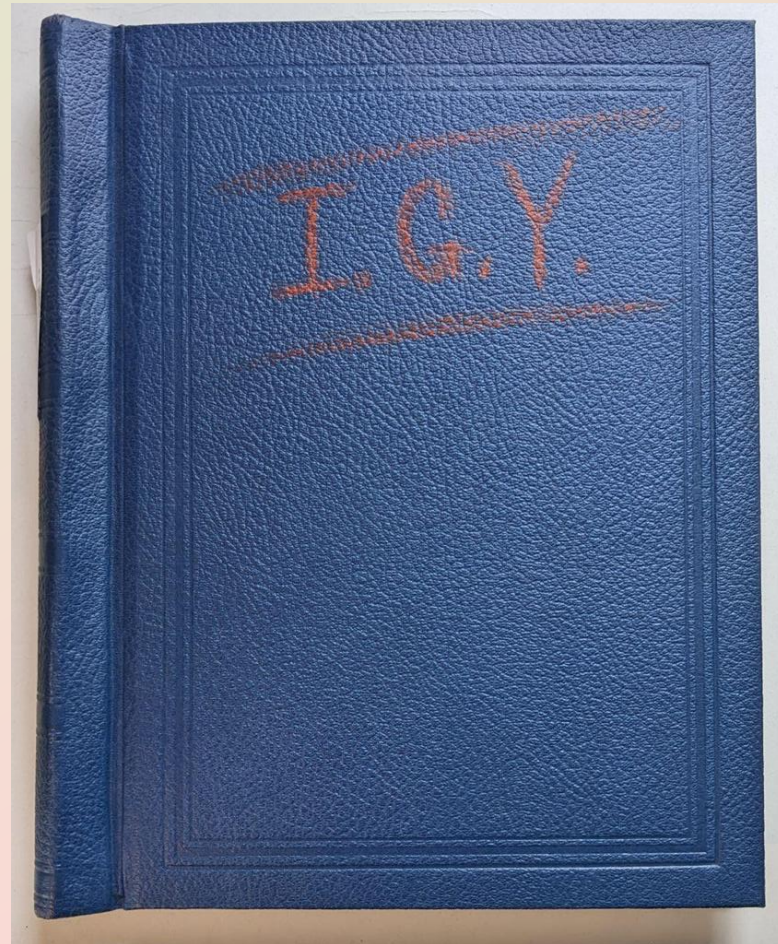
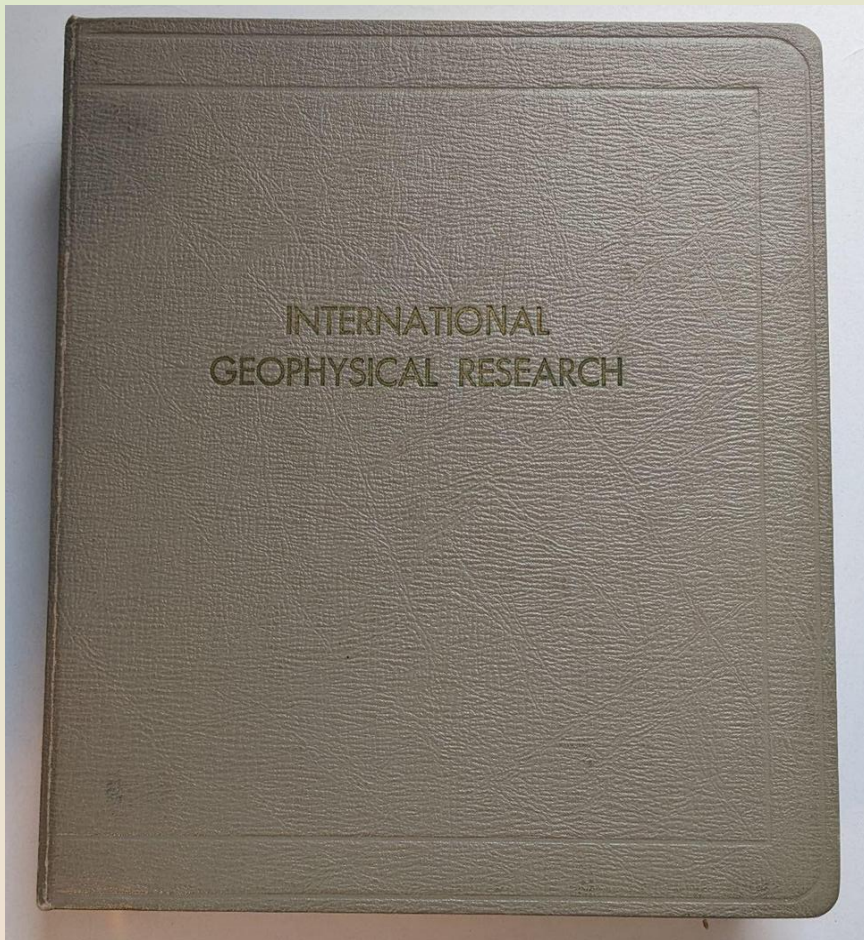
ebay  eBay <ebay@ebay.com>
To: rs_sternberg@yahoo.com

international geophysical year: 6 new matches today

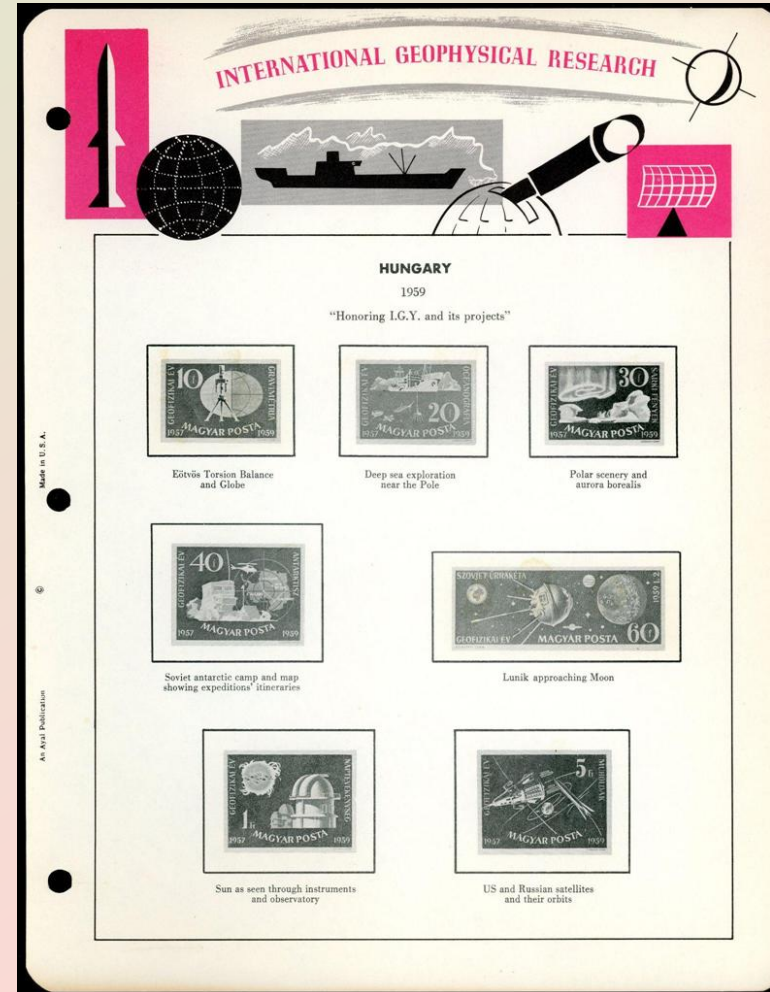
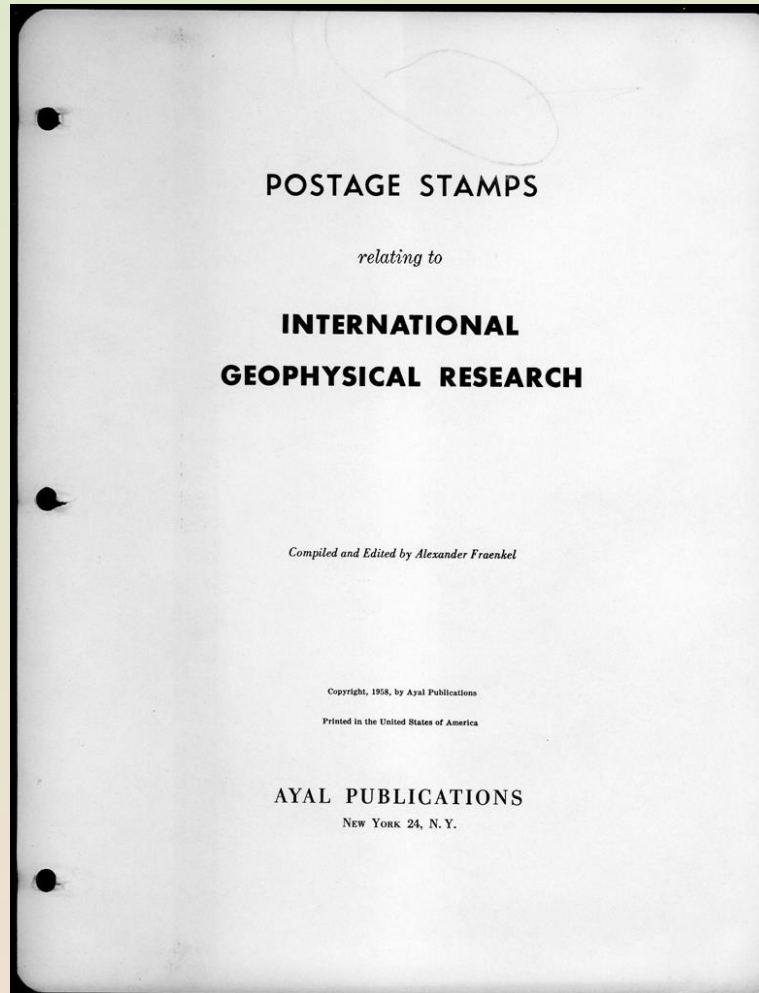
[See all results](#)

 <p>HUNGARY 1212-18 MNH IN...</p> <p>Bid: \$0.06 99.9% positive feedback</p>	 <p>HUNGARY 1959 INTERNATI...</p> <p>Bid: \$2.94 100% positive feedback</p>	 <p>Netherlands Antilles 1957 Int...</p> <p>Buy it now: GBP 3.00 99.9% positive feedback</p>	 <p>EBS East Germany DDR 1957 - I...</p> <p>Buy it now: AU \$1.50 100% positive feedback</p>
 <p>Canada MNH-OG 1958 sc#376 Int...</p> <p>Bid: \$0.28 99.8% positive feedback</p>	 <p>STAMP MART : USA 1958...</p> <p>Buy it now: \$0.99 99.6% positive feedback</p>		

IGY Albums



IGY Albums



IGY Albums



from [Official Jascha Heifetz YouTube channel](#)



IGY “anthem” - I.G.Y., by Donald Fagen (1982)



Alive In America tour (1994), Houston
Featuring Donald Fagen and Walter Becker

Standing tough under stars and stripes, we can tell
This dream's in sight
You've got to admit it
At this point in time that it's clear
The future looks bright

On that train, all graphite and glitter
Undersea by rail
Ninety minutes from New York to Paris
Well, by '76 we'll be A-OK

What a beautiful world this will be
What a glorious time to be free
What a beautiful world this will be
What a glorious time to be free

IGY anthem



Get your ticket to that wheel in space while there's
time
The fix is in
You'll be a witness to that game of chance in the sky
You know we've got to win

Here at home we'll play in the city
Powered by the sun
Perfect weather for a streamlined world
There'll be spandex jackets, one for everyone

What a beautiful world this will be
What a glorious time to be free
What a beautiful world this will be
What a glorious time to be free

IGY anthem



On that train, all graphite and glitter
Undersea by rail
Ninety minutes from New York to Paris
(More leisure for artists everywhere)

A just machine to make big decisions
Programmed by fellas with compassion and vision
We'll be clean when their work is done
We'll be eternally free, yes, and eternally young

What a beautiful world this will be
What a glorious time to be free
What a beautiful world this will be
What a glorious time to be free

Some reflections

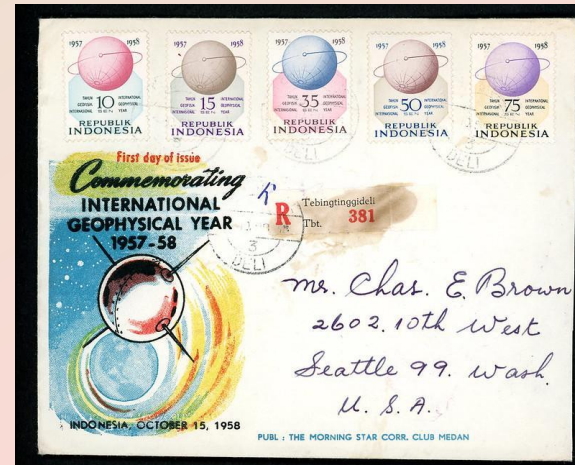
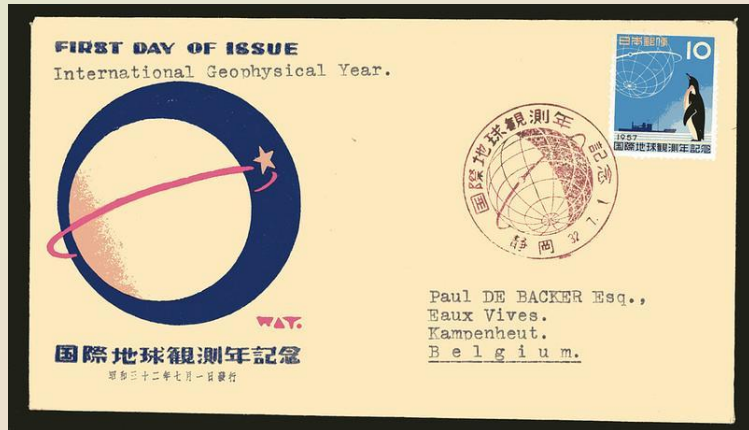
- My collecting instinct is being satisfied. The IGY topic sounds narrow, but there is plenty of what George Carlin might have called “stuff,” and it is a challenge to sleuth it out.
- I’ve learned a lot about the IGY
- and a lot about philately
- My blog helps me satisfy an instinct to educate, even though my audience is quite small.
- I’ve become less shy about reaching out to people whose work has some relationship to mine, and find they are almost always glad to share their expertise.
- And even though I’ve not been so active in the Lancaster stamp club, I can see from the work that you all talk about every month that there is some common endeavor here that we all derive pleasure from, for ourselves, and to share with each other.

Thanks for your patience

Q&A, Comments, Suggestions

Major accomplishments of the IGY

1. Launching of the first artificial satellites



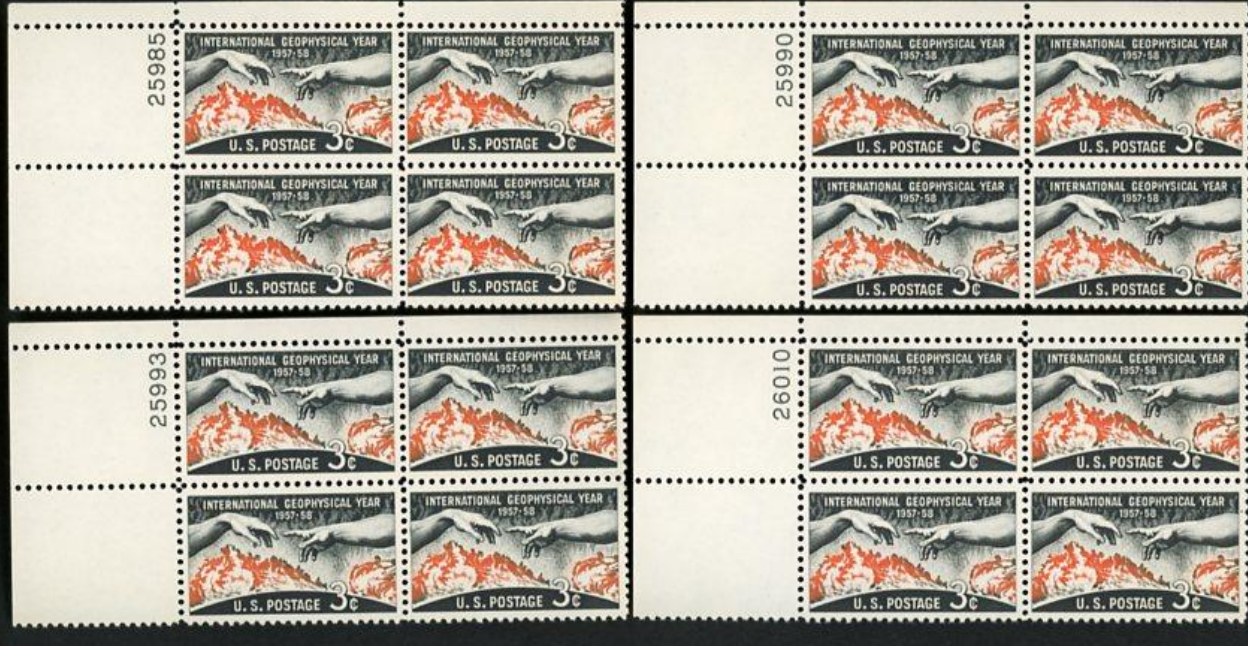
The U.S. IGY stamp - Scott 1107



The APS Research Library provided a page from the 2020 Durland Standard Plate Number Catalog, which lists the plate numbers used for the printing of each U.S. stamp.

The numbers used for Scott #1107 were 25978, 25985, 25990, 25993, and 26010.

I have each of those numbered blocks in my collection, a complete matched set.

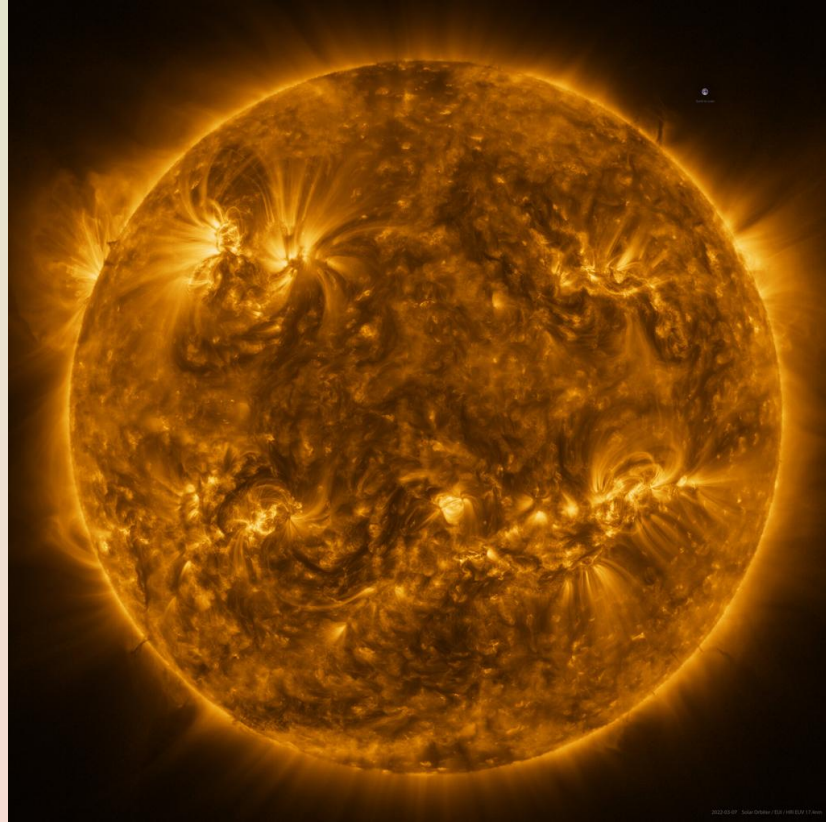


The U.S. IGY stamp - Scott 1107

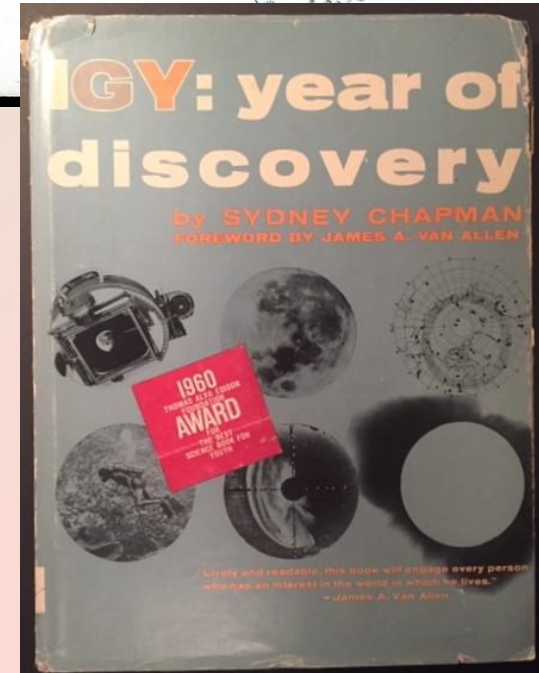
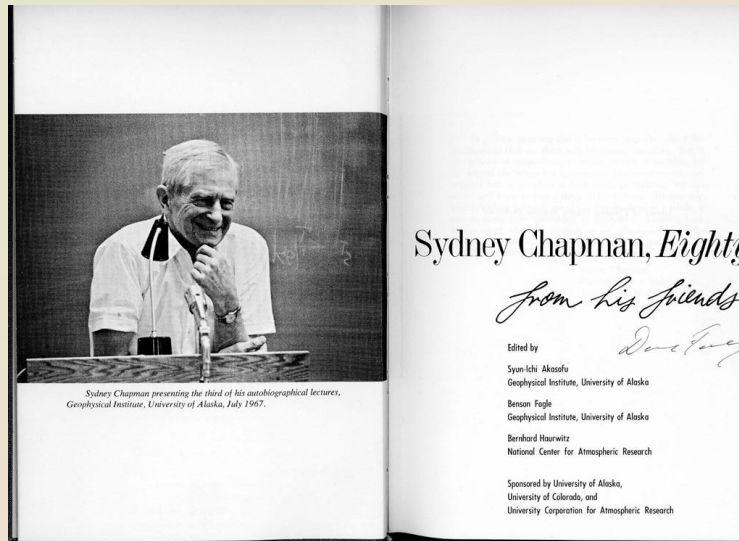
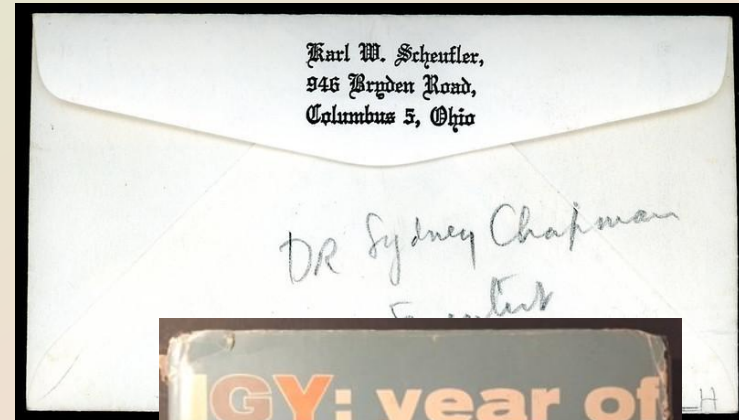
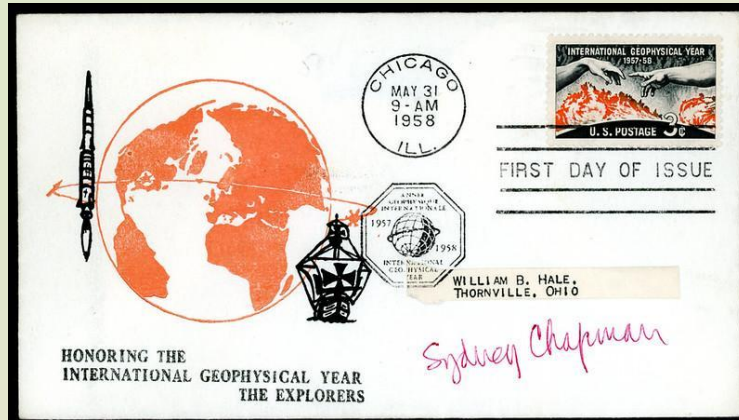


Scott 1107

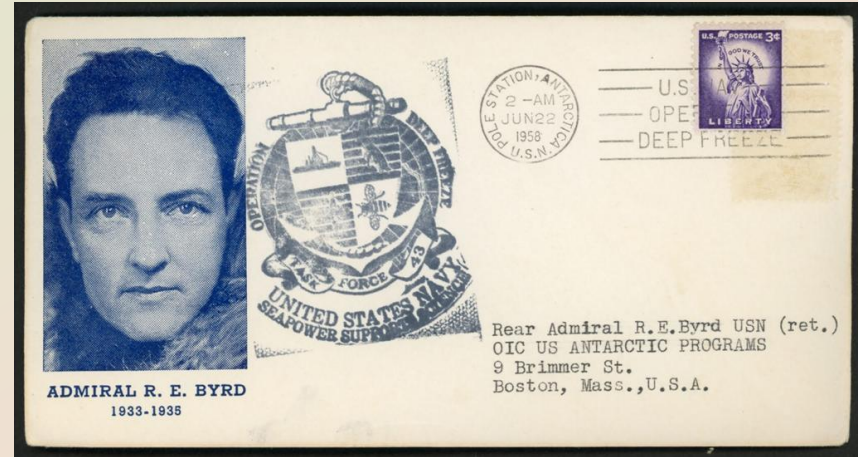
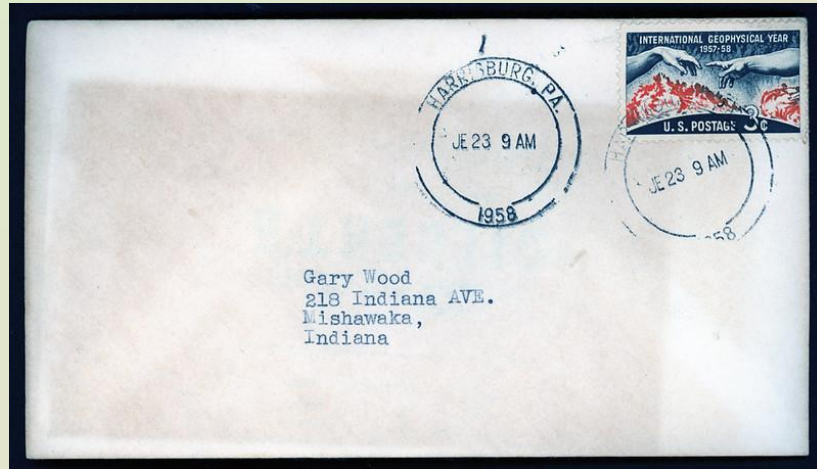
Highest resolution picture of sun ever taken, (https://www.esa.int/ESA_Multimedia/Images/2022/03/The_Sun_in_high_resolution), 83-megapixels. Taken from half way between Earth and the Sun, it was created on March 7, 2022 by the camera onboard the European Space Agency's Solar Orbiter spacecraft.



People of the IGY



Some other favorites



Geo-philately: Earth Sciences on Postage Stamps

Workshop at the Northeast Section of the Geological Society of America meeting
19 March 2022

1. Introduction by Rob Sternberg

2. Featured speaker 1, Garry Toth

part 1 – *Atmosphere, weather, and climate on stamps*

part 2 – *Space weather on stamps*

3. Featured speaker 2, Fred Haynes

Minerals on stamps

4. Mini-presentations.

Scott Tiffney, Director of Information Services and Librarian at the American
Philatelic Research Library

Rob Sternberg - *Earthquakes on stamps*

Video at: <https://www.youtube.com/watch?v=IP9WB04X2EI>