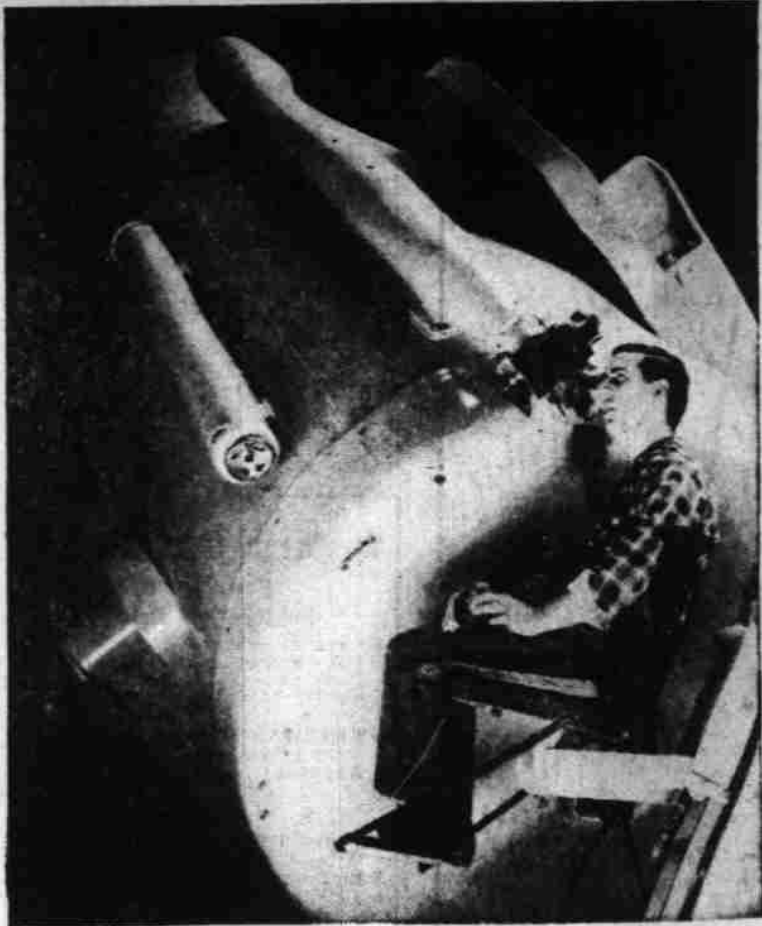


Astronomers Map Universe



Astronomer George Abell (right) guides Big Schmidt telescope at Palomar Observatory that after seven years' work has mapped the heavens out to 600 million light years. Above, an exploding star or nova caught by the Sky Survey flares in space, releasing some 10 septillion times as much energy as a hydrogen bomb.

The atlas of the heavens, a joint project of the National Geographic Society and the California Institute of Technology, will be furnished to astronomers and observatories around the world, President John Oliver La Gorce of the Society has announced.



First Section of Giant Universe Atlas Published by Observatory at Palomar

WASHINGTON—The first section of a giant atlas of the universe, farthest-reaching map ever attempted, is being published from Palomar Observatory after almost seven years' work, the National Geographic Society and California Institute of Technology has announced.

'Top Secret' Effort Lands Man in Jail

SAN FRANCISCO (UP)—The man in Union Square Saturday morning wore black slacks and a black and pink sports shirt. His manner was furtive. His pockets were filled with microfilm, envelopes with "top secret" stamped on them, a tear gas gun the size of a fountain pen. To Patrolman Don Murphy, the man showed cards and credentials identifying him as an agent of Central Intelligence Agency. "Don't let anybody see them," the man said. "I'm after some secret documents that were stolen from another agent here last week."

He said his name was Richard Ernest Grayson and that he was staying at the YMCA. He refused to elaborate further. The police called Rear Adm. (ret.) M. C. Cheek, local head of the CIA here. Cheek took one look at Grayson and his get-up.

"If one of our agents ever

The total atlas, expected to help solve many mysteries of the universe, will comprise 1,750 photographs when finished in 1956. Cost per copy, covering only printing, is \$2,000. Nearly 100 have been ordered.

The National Geographic Society Palomar Observatory Sky Survey, begun in 1949, has mapped three-quarters of the sky—all that can be seen from Palomar—out to an unprecedented depth in space of 600 million light years. One light year is about six million million miles.

Many of the space regions photographed in detail by Palomar's 48-inch Big Schmidt telescope have never been seen before by astronomers. Now an over-all picture of the universe has been provided to distances beyond range of all but the largest telescopes.

Ages of the stars, and of the universe itself, will someday be better understood because of the new atlas. Already differing "populations" of stars have been recognized.

What to do? Paint it with tea, artists said. It worked.

showed up in an outfit like that," Cheek said, "we'd fire him."

Grayson was charged with impersonating an officer. He confessed he simply wanted to get arrested—the only way he knew how to get something to eat.

nized and studied by Dr. Walter Baade at Palomar.

Is the universe of uniform structure? Did it have a definite beginning in space and time? Does it have an end, or does it extend outward endlessly? Could the sun itself ever blaze out as a nova, burning the planets of the solar system to cinders in a few seconds?

Such are the questions astronomers look to the Sky Atlas to help answer.

Arrest Faces Hawaiian Girl On Destroyer

LONG BEACH, Calif. (UP)—The FBI planned Saturday to take into custody a 16-year-old Hawaiian girl, Joycelen Pilapil of Honolulu, who was found aboard a Canadian destroyer due to arrive here Sunday.

FBI agents said they would seize the girl when the ship reaches this port, but stressed that to their knowledge there was no other possible charge against her except that of illegally taking passage aboard a ship.

The skipper of the destroyer Athabaskan, Cmdr. E. E. Richardson, radioed the U.S. Navy, FBI, Coast Guard and the Canadian Consulate here Friday that the girl had been found on his ship. He said his vessel, which left Pearl Harbor earlier this week, was too far to turn back.

The FBI said it entered the case because the girl was an American stowaway in American waters.

Navy Plans Commission Denial Probe

NEW YORK (UP)—Navy Secretary Charles S. Thomas promised Saturday to review personally the Navy's refusal to grant a reserve commission to Eugene Landy, 21, on the ground his mother is a former Communist.

Thomas told reporters he learned of the case only Saturday by reading the newspapers.

He said Landy, who was graduated as second highest ranking student Friday from the U. S. Merchant Marine Academy at Kings Point, N. Y., will get "justice."

But as to what Thomas' decision will be, he said:

"I have reached the age where I never make a decision until I have heard both sides."

The young midshipman Saturday appealed the decision to the Bureau of Navy Personnel in Washington, D. C.

Sen. Herbert H. Lehman (D-N.Y.) has called the Navy ruling on Landy "unjust" and has asked for a full report.

Landy received a telegram from the office of Sen. H. Alexander Smith (R-N.J.) advising the Navy would be glad to reconsider his application for a commission.

He expressed gratitude for "the help of Sen. Smith, the 100 per cent support from the newspapers, the cadets, and the people in town who have given their wholehearted cooperation."

Secretary Thomas, whose talk with newsmen came later, said he intended to review the case regardless of whether Landy appealed the rejection of the commission.

Landy, who intends to sail Sunday as a seaman on a Texas-bound oil tanker, expressed confidence the Navy would reconsider his case.

An academy spokesman described Landy as "one of the

Hiroshima Scene of Services Marking A-Bomb Anniversary

HIROSHIMA, Japan (UP)—Sirens and church bells broke the stillness of Hiroshima at 8:15 a.m. Saturday, ten years to the minute since the city vanished in one blinding, terrible explosion.

The world's first city to feel the horrifying power of the atomic bomb observed the anniversary Saturday with prayers and an appeal by Prime Minister Ichiro Hatoyama to scientists to make atomic power work for the welfare of mankind.

Ten thousand Japanese, joined by a sprinkling of foreigners from both sides of the Iron Curtain, pleaded earnestly for "no more Hiroshimas" at annual memorial rites held by the city in front of the white memorial cenotaph at the blast center.

"Ten years have already passed since that tragic atom bomb was dropped on this land," Hatoyama told the group. "We fixed as Japan's national objective the construction of a cultural nation based on democracy with the

"brightest students we ever had" and said "There has never been any question of Landy's loyalty here."

But a Navy spokesman, while not questioning Landy's loyalty, said the young man was "extremely close to his mother and she has been a Communist."

Landy describes himself as "quite conservative" politically.

aim of a permanent world peace, and have advanced step by step toward that goal. . . . "It is said the study of atomic energy in the world today has advanced several stages. We look forward to the day when it will not be a tool to destroy mankind and civilization but employed for the welfare of mankind."

Railroad Clears Track of Freight Train Wreckage

CENTRALIA, WASH. (UP)—Wreckage of Friday's freight train crash here is expected to be cleared Sunday, Willard E. Thompson, Northern Pacific trainmaster, reported Saturday.

Damage was estimated at \$100,000 as a result of the collision of a Portland-bound N. P. freight train with a Union Pacific freight, said W. C. Smith, Northern Pacific superintendent at Tacoma.

Work crews have been working steadily since Friday morning to clear about 100 feet of mainline track which forced temporary rerouting of Portland-Seattle traffic.

An investigation has been set for the first of the week to determine the cause of the accident which derailed 15 freight cars and injured one trainman, said Smith. He did not specify the day.

Statesman, Salem, Ore., Sunday, August 7, 1955—(Sec. 1)—3

STAR GAZER			
By CLAY R. POLLAN			
Your Daily Activity Guide According to the Stars			
To develop message for Sunday, read words corresponding to numbers of your Zodiac birth sign.			
ARIES MAR. 22 APR. 20	Taurus APR. 21 MAY 21	GEMINI MAY 22 JUNE 21	CANCER JUNE 22 JULY 21
2-9-28-31 32-45-53	1-10-19-28 29-38-47-56	11-14-18-38 42-50-55	12-13-24-30 31-40-49-58
1 You'll 31 And 61 And 2 Watch 32 Talk 62 Be 3 Seek 33 Contacts 63 News 4 Keep 34 Attention 64 Recreation 5 Personal 35 To 65 Discarded 6 Favors 36 By 66 Privacy 7 Plans 37 Change 67 Today 8 And 38 Smiles 68 And 9 Your 39 Bring 69 Live 10 Subject 40 A 70 Chance 11 The 41 This 71 Appear 12 New 42 On 72 By 13 Friends 43 Sure 73 Noon 14 Opposite 44 Be 74 Morning 15 Don't 45 It 75 From 16 Be 46 Desired 76 Far 17 Seem 47 Settled 77 Good 18 See 48 Boost 78 Up 19 Gratified 49 Of 79 Be 20 Something 50 You 80 Optimistic 21 Vital 51 Personal 81 In 22 Some 52 Hope 82 Popularity 23 Impulsively 53 Easy 83 To 24 May 54 To 84 Expectation 25 Plans 55 Today 85 Rest 26 Until 56 Or 86 Now 27 May 57 You 87 Your 28 Diet 58 Joy 88 Ground 29 Not 59 Need 89 Important 30 Not 60 Business 90 Persons	LION JULY 22 AUG. 23	VIRGO AUG. 24 SEPT. 23	LIBRA SEPT. 24 OCT. 23
5-33-39-58 61-64-67	1-16-19-36 40-48-81-82	1-16-19-36 40-48-81-82	1-16-19-36 40-48-81-82
Good	Good	Good	Good

EXPENSIVE FISH
ELIZABETHTOWN, Ky. (UP)—Dr. M. J. Noel found a new way to catch fish but it was expensive. He parked his 1955 model car

near a river and the machine rolled down a steep shore into the water. When a wrecker retrieved the car, two fish were found inside.

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Were 59.50 . . . NOW \$43.
Were 65-69.50 . . . NOW \$48.

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Were \$55 . . . NOW \$38.
Were \$60-\$65 . . . NOW \$43.

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