

U.S. 'Moon' Shows Americans Equal To Red Scientists

Washington—(NC)—Launching of the American "Explorer" satellite does not prove that U.S. science is either superior or inferior to Russian science, a priest-scientist said here.

Jesuit Father Francis J. Heyden, director of the Georgetown University observatory, described the American achievement as "comparable to that of Soviet scientists who launched two Sputniks."

Within minutes after the launching of the satellite was announced, Father Heyden appeared on a television program emanating from Washington and, with charts and illustrations, gave an explanation of what had taken place.

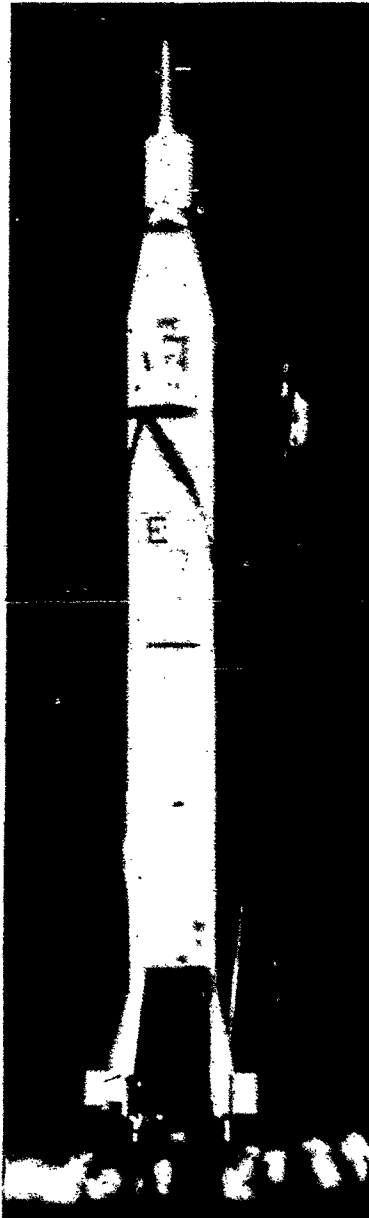
THE EXPLORER satellite weighs about 30 pounds. Sputnik I weighed 184 pounds, while Sputnik II weighs 1,110 pounds. Despite the difference in weights, Father Heyden said "I don't think this proves we couldn't launch a satellite as large as the Russian ones."

Father Heyden said it would require special equipment to hear the signal tone emitted by the satellite. The signal, he said, is being broadcast on the television frequency and could probably be picked up between channels 6 and 7 on a TV set. To do so, however, would require special adjustments in the set, he pointed out.

Father Heyden added that the satellite is probably "too faint to see" and that spotting it with binoculars during its five minute west-east journey from horizon to horizon would be "a rather difficult thing to do" unless observers knew exactly when and where to look for it.

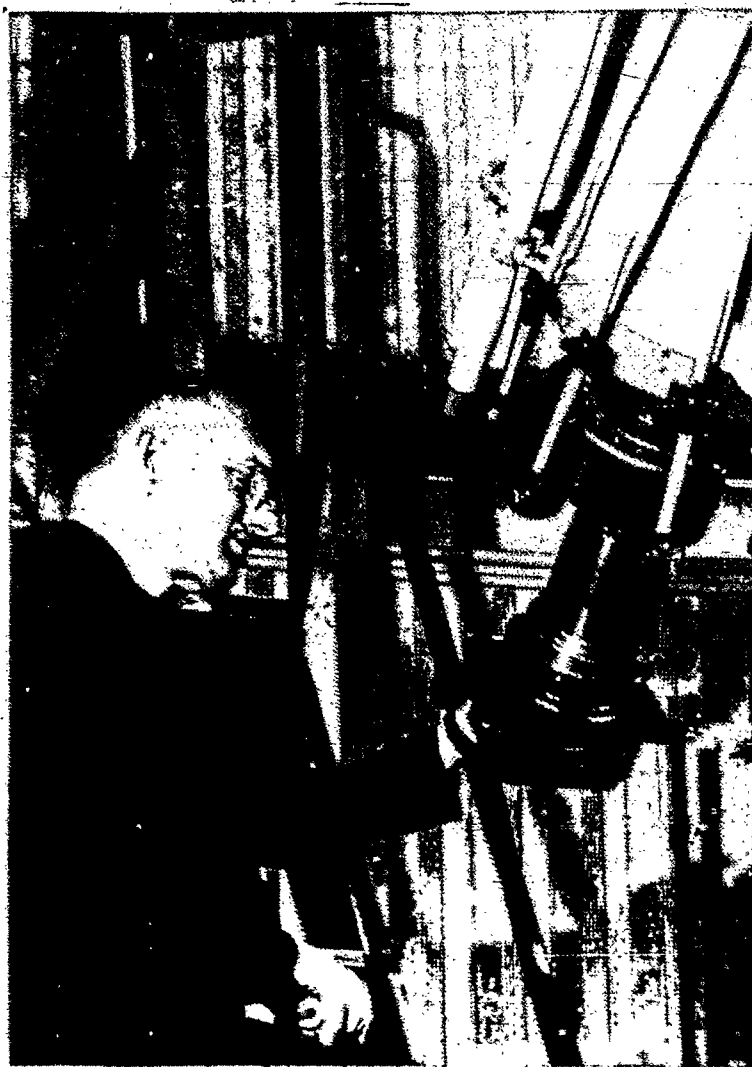
Father Heyden speculated that much of the hue and cry over inadequacies of American science which followed launching of the Russian satellites had been the work of alarmists. "It doesn't take much to start people talking," he said.

He also declared that no one "up in the scientific field"



ARMY'S 'EXPLORER'

would accept the proposition that present American scientific knowledge is inferior to



"Let's Do It Again!"

Jesuit Father Francis J. Heyden, Georgetown University astronomer, believes that launching of the American satellite via the Army's Jupiter-C Rocket, is comparable to the Russian achievement of launching the two Sputniks. Within minutes of the announcement of the launching, Father Heyden appeared on a Washington television broadcast, with an explanation, and charts showing what had happened.

that possessed by the Soviets.

However, he said that concern over the Russian achievements did have the valuable result of erasing the mistaken notion that the Russians are a "slow-witted, backward people" and of calling attention to the missile race.

Father Heyden also said that alarm over deficiencies in American scientific education has probably been exaggerated. He explained that the huge increase in U.S. school enrollment during the last two generations had been like "a rush on a bank."

"But at the same time," he added, "there are a lot of very bright youngsters coming out of our schools—and brighter than they were a generation ago."

FATHER HEYDEN also declared that, contrary to the claims of some people, there is little danger that the humanities will now be ignored in American education in an effort to step up scientific and technical training.

He said: "I have met very few scientists in my life who are entirely engrossed in their science and aren't interested in the humanities and the fine arts." On the contrary, he remarked, many people in the fields of the humanities who "shrink from multiplying two times two" have a far less well-rounded education than scientists.

The Jesuit scientist speculated that the public reaction to the launching of the Explorer will be "let's do it again."

"We're not going to be happy until we get something up there as big as the dome on the Capitol building," he said.

Italy Reports 115,000 In Religious Life

Vatican City—(NC)—The Italian Office of Statistics reported that the country had 115,000 Religious, or 12 for every 5,000 inhabitants, at the time of the last census.

The figures were reported in L'Osservatore della Domenica, Vatican City weekly. The newspaper said that the total included 394 cardinals, patriarchs, archbishops and bishops who compose the Italian hierarchy.

Of the 115,000 total, 56,000 were priests, 51,000 were Sisters, and 8,000 were male Religious of various classifications.

Of the 56,000 priests in Italy, 27,000 of them were serving in northern Italy, 13,000 in central Italy, 11,000 in southern Italy and another 5,000 were in Sardinia, Sicily and other Italian islands.

Italy's population in 1951 was reported as 47,158,000.

The statistics office reported that there were 333 non-Catholic ministers in the country at the time the census was taken.

Pope To Recite 'Angelus' On Radio

Vatican City—(NC)—Pope Pius XII will recite the Angelus over Vatican Radio at noon on February 11 on the occasion of the opening of the Lourdes centenary.

The Holy Father's prayer, commemorating Our Lady's appearance to St. Bernadette at Lourdes in 1858, will be broadcast over the Italian radio network and stations in other countries.

Catholic Population Gains In Caribbean

Kingston, Jamaica—(RNS)—The Roman Catholic population of the British Caribbean has grown from 439,983 in 1953 to 612,137, according to the 1958 edition of the Catholic Directory of the British Caribbean. This represents an average annual growth of just under 35,000.

The territory includes the British West Indies, the Bahamas, British Guiana and British Honduras.

Budget Battle Puzzles Father Of Large Family

By FATHER JOHN L. THOMAS, S.J.

We're constantly in debt. We have four children and are expecting a fifth. I'm holding a pretty good job but as my wife says, it seems that there's always too much month left over at the end of our money. After wrestling with our bookkeeping the other night, I felt like the fellow who told his family, "Well, I've finally balanced the budget, but one of us will just have to go!" Any suggestions?

Yes, Al, I have a few, but let me start out by telling you that there are a good number of young couples with growing families who find themselves in pretty much the same boat today.

There's only one employer paying them wages, but there's dozens of trained experts to tell them how to spend it.

Overcoming sales-resistance has been developed into a finer art, although we must admit that in many cases there isn't much resistance to start with. Just as insurance companies have found that some families are sickness-or-accident-prone, others appear to be debt-prone.

However, I don't intend to dismiss your problem that superficially.

LET'S FACE the facts. Any one trying to raise a fair sized family under modern urban conditions is bound to meet financial problems unless he's in the upper income bracket.

The constant effort required to balance accounts normally proves difficult enough; once you allow debts to pile up, you place a persistent strain upon yourself which can seriously affect your marital happiness.

Now if you look around, Al, you will find couples who manage to retain financial balance on the same, or even less, income than yourself. Perhaps we can learn something from studying how these couples manage their affairs. What do they do?

First, they keep some type of budget. This does more than tell them where their money has gone. It sets up a hierarchy or scale of future expenses, with those items which are absolutely necessary for the family's existence at the top.

These must be paid first, and only if some income remains over, can other expenses be incurred. As some cynic has remarked in this connection,



"A budget is a way of balancing your net income with your gross habits."

SOME COUPLES don't get around to paying essential family expenses until they discover they have already spent their month's income on less necessary items. Further, if you keep a budget, you will soon discover that you are spending many small amounts carelessly. A little here and a little there bulks much larger than you realize if you keep no account of it.

Second, they shop carefully. They watch the papers for bargains, and when they intend to purchase a large item, they wait for a sale or consult friends who may give them a lead or help them obtain a discount.

This is routine procedure today, since it is an open secret that only the inexperienced pay the regular list price for most major items.

Further, they know that cash purchases readily receive a discount—buying on an installment plan is expensive, no matter how you figure it out.

Third, they carry some form of family health insurance, either in connection with their job or in some acceptable

group health insurance plan. All families require some medical care, but under present conditions, the cost is almost prohibitive if the family is not covered by insurance.

Fourth, they have learned to do without. Every item of expense represents a choice when income is limited. Since they can't buy everything they want, they learn to weigh one item against another.

IN A SENSE, Al, families like your own have many of their choices made for them. Once they choose the joys and blessings—and the costs—of having a family in preference to selfish childlessness, many of their future decisions are made.

They learn to do temporarily without some things because other things—children—offer them greater happiness and satisfaction.

Well, Al, these are my suggestions. It may be a little rough to buckle down to a more rigid financial schedule in the beginning, but you're not too old to learn, and besides, according to the divine plan, Christian parenthood was designed to be a perfecting, developmental experience.

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Communions Rise In Coast Diocese

Sacramento, Calif.—(NC)—A total of 1,600,000 Holy Communions were received by the faithful of the Sacramento diocese during 1957, the Chancery Office announced.

The chancery office said that the total represents an increase of 60 per cent over 1956 when 1 million Communions were distributed.

The office attributed the increase to the relaxed regulations for the Eucharistic fast whereby the faithful are permitted to receive Communion at any time of the day provided they have fasted three hours from solids and one hour from liquids.

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