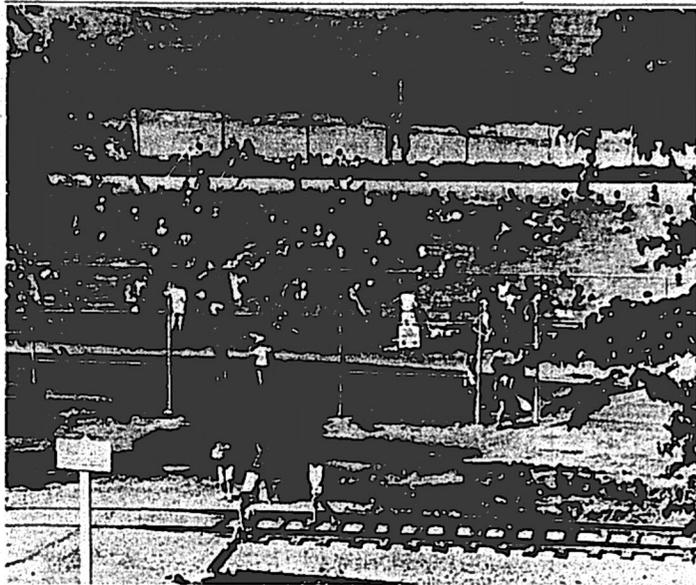


## Powerful Soviet Rocket Lofts Heaviest Space Payload Into Orbit



By Staff Photographer Merrill

### Clear Skies, 81 Degrees

In 81-degree heat Friday the young set flocked to Portland's Eastern Promenade for a pleasant turn in East End Swimming Pool, while the waters of Casco Bay splashed the beach a few yards away. Saturday's weather is expected to be cooler, but that probably won't keep the bathers away.

## Mars' Atmosphere Reported Thin, But Some Kind Of Life Is Likely

PASADENA, Calif. (AP) — Earth's marvelous Mariner 4, now televising a stream of historic closeups of Mars, has found that planet's atmosphere is too thin for any known form of life.

But Jet Propulsion Laboratory scientists who announced the new finding Friday said they expect to find some kind of life when American vehicles land on Mars in the 1970s.

Mariner 4's first picture, snapped as the 375-pound spacecraft swept past Mars on Wednesday and which was released Thursday night, showed an earth-like desert bordered by smudges which may or may not be vegetation.

Even better pictures are likely among as many as 21 expected to be transmitted by Mariner 4 over the next week or 10 days.

Dr. William H. Pickering, laboratory director, told a news conference that Mars' atmosphere at the surface appears to be about as thin as earth's at an altitude from 90,000 to 100,000 feet.

"Men landing there certainly would need space suits," he said.

"But when you consider the amazing complexity and variety of life forms on earth, you can't exclude the possibility that some other kinds might have evolved on Mars."

The report on Mars' thin blanket of air was made by the laboratory's Dr. A. J. Kliore, chief of a team of scientists who measured the fading of Mariner 4's radio signals as they passed through the planet's atmosphere Wednesday.

From the gradual weakening of signals they figured Mars' atmosphere extends upward no more than eight miles — less than half the height of earth's. They also found it to be only one to two per cent as dense. Previous estimates of the density had ranged up to 10 per cent.

Further study will be required, Pickering said, before it can be determined whether Voyager spacecraft now being designed to land capsules on Mars in the 1970s, will use parachutes or retro-rockets to brake a descent.

Telescope analysis previously has shown Mars' atmosphere is largely nitrogen, with some carbon dioxide, argon, and a trace of water. No oxygen has been found.

Kliore said the radio signals — affected differently by the various kinds of molecules in Mars' atmosphere — show no indication of other elements.

"There seems to be no oxygen at all," he said.

Pickering said this does not eliminate the chance that some form of life could evolve which does not require oxygen.

The news conference was held as Mariner 4, now orbiting at 14-month, 325-million-mile journey, was radiating back its third picture across 134 million miles of space.

The first picture, showing markings as small as three miles across, looked much like some jungle-bordered desert on earth.

### Prayer For Today

Our heavenly Father, the vacation season offers to most of us each year many happy experiences. Never before has our country or any other advanced for so many varieties of relaxation and amusement. Even those who cannot travel may find at home change of activity, recreation, and interesting fellowship. Safeguard us from the excesses and evil influences that may spoil the days. May we take them with us when autumn comes, may we be better prepared to serve Thee happily, we ask in the all-prevailing name of Jesus, Amen.

—James Ross McLean, Director, South College.

## News, Features On The Inside

### The Weather

Cloudy, scattered thundershowers Saturday; cooler, thundershowers Sunday. Full report on Page 1.

**POLICE FIRE** tear gas into Athens crowd calling for ousted premier's return. Page 15.

**AMBASSADOR HARRIMAN** gives the idea that his mission to Moscow is to avert Soviet misunderstanding of the U.S. position in Viet Nam. Page 7.

**AMERICAN BUILD-UP** in Viet Nam appears to be creating tough new problems for Soviet leadership. Back Page.

**NEW GREEK PREMIER** appears to be having trouble forming a government after the sudden ouster of his predecessor. Page 15.

**OPENING NEW** Mont Blanc highway tunnel, presidents of France and Italy call it an example of a new era in international cooperation. Page 4.

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MOSCOW (UPI) — The Soviet Union Friday launched the heaviest space craft payload ever put into orbit with a new powerful booster rocket.

The space station payload, named "Proton 1," weighed 24,400 pounds, the Soviet news agency Tass said in announcing the launching. There was no indication that it was manned.

The biggest payload ever put into orbit by the U.S. was launched on June 18, 1963, by a Titan 3C rocket. It was a 21,000-pound lead satellite. Both the United States and Russia have sent up "space packages" exceeding the weight of the "Proton 1" but the total weight of the package included the burn-out last stage of the launching rocket which went into orbit with the so-called payload.

UPI Space Editor Alvin B. Webb reported U.S. officials had expected for months Russia would introduce its new booster rocket. Webb said preliminary indications were that the Soviet rocket was perhaps as powerful as the U.S. Saturn-1,

which soon will be replaced by the Saturn-1B, a rocket capable of lifting 35,000 pounds of useful payload into orbit.

Webb said there was unofficial speculation among U.S. scientists the Soviet Proton 1 might be used as a "station in space" to receive components launched aboard separate rockets and spacecraft.

Proton 1 is more than 10,000 pounds heavier than the biggest previous Soviet satellite. The Tass announcement said "to ensure the realization of the planned space research program a new powerful booster rocket has been developed in the Soviet Union."

The space shot followed the spectacular success of America's Mariner-4 spacecraft, which began sending back the first photographs of Mars Friday.

The Russians earlier announced they had placed five unmanned satellites in orbit with a single rocket Friday. The moon would introduce its new booster rocket, Webb said.

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## South Vietnamese Seeking Increase Of U.S. Forces

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### New Fire Station Work May Begin Next Week

By WILLIAM H. WILLIAMSON  
City Hall Reporter.

Construction of the new Bramhall Square Fire Station will start early next week if the City Council awards the contract at Monday night's meeting.

Low bidder was the Cimino Construction Co. at \$371,000. Cost of the project, including last year's land purchase, architect's fees, an alarm system, furnishings and traffic control systems, will total \$524,000.

The council will be asked to award the contract and make the necessary financial juggling to get all the money in the right place.

This year's capital improvement budget includes \$324,000 for the project. The rest of the cost would be met as follows:

1. Federal contribution to the civil defense center at the station—\$50,000.
2. Transfer of \$50,000 from the North Deering Fire Station account to the CIP to the Bramhall station account.
3. Use of \$15,000 left over from the 1964 CIP for land acquisition. \$100,000 was appropriated, and only \$85,000 was needed.

Since \$45,000 of the \$524,000 was needed.

## Stevenson Eulogized In Capital Rites Attended By Many Of Nation's Mighty

WASHINGTON (UPI) — Adlai E. Stevenson was eulogized before the nation's mighty Friday as "this completely civilized man" who died as he would have wished, caring for his country's business, and mankind's.

President and Mrs. Johnson, the American family and many of his closest friends attended the simple national funeral services for the 63-year-old statesman at the huge and impressive Washington National Cathedral.

The President, his face solemn and sad, listened intently as Judge Carl McGowan, Stevenson associate dating back to his political beginnings as governor of Illinois, delivered the tribute.

"Our sense of the fitness of things must be touched by this completely civilized man doing battle for the persistence of the very idea of civilization. For our biggest stake, we put forward our best. And he met the challenge, to our, and his, eternal honor."

"... We have lost a friend, but all the world has lost one."

### Today's Chuckle

A woman tourist posed for a snapshot in front of the fallen pillars of an ancient temple in Greece. "Don't get the car in the picture," she said, "or my husband will think I ran into the place."

## Johnson Emissary Seeks Key To Bogalusa Peace

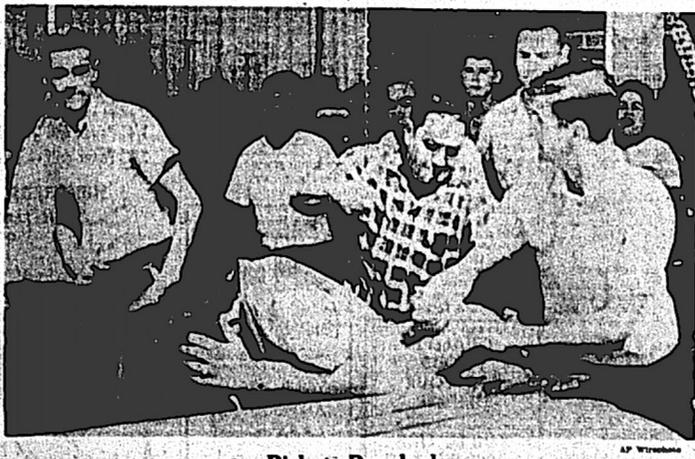
BOGALUSA, La. (AP) — HARD-ROCKED Bogalusa officials Friday urged presidential emissary John Doar to help find the way to end the daily racial demonstrations in this troubled town.

Major Jesse Carter said Doar was asked specifically "to hold down" the demands of the civil rights leaders and find out exactly what they hope to gain through repeated marches to City Hall.

A federal judge at New Orleans said last week he could see nothing to be gained by further marches. But U.S. Judge Herbert Christenberry held that the Negroes had a constitutional right to march if they chose.

Doar, assistant U.S. attorney general in charge of the Justice Department's Civil Rights Division, arrived here Thursday night under White House orders to see what could be done to ease the six-month-old racial conflict in this southern Louisiana papermill town of 23,000.

He plunged immediately into a series of closed-door conferences with city officials and the rights leaders — meetings with the two sides separately.



Pickets Punched  
Two white men at right punch a civil rights picket (partially shown) after violence erupted during picketing of a Bogalusa, La., shopping center Friday. At left an unidentified white picket covers his head during the attack.

The Late Show  
**VAN HEFLIN**  
Stars in  
**"GUNMAN'S WALK"**  
with  
**TAB HUNTER**  
11:15 P.M.  
Channel 13

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