

RADIO PROGRAMS-SUNDAY

Programs listed below are received from the radio stations and the Mail Tribune assumes no responsibility except to make such changes as are supplied

KJVC-1230 kc	KMED-1440 kc	KWIN-1490 kc
7:00-Church News	MONITOR	MONITOR
7:15-Organ Melodies	MONITOR	MONITOR
7:30-ABC Concert Hall	MONITOR	MONITOR
8:00-Voice of Prophecy	MONITOR	MONITOR
8:15-Voice of Prophecy	MONITOR	MONITOR
8:30-Light & Life Hour	MONITOR	MONITOR
8:45-Light & Life Hour	MONITOR	MONITOR
9:00-CBS News	Gospel Hour	Radio Bible Class
9:15-World Affairs Report	Gospel Hour	Radio Bible Class
9:30-Washington Week	Mid-Morning News	Voice of Prophecy
9:45-Hour of St. Francis	Mid-Morning News	Voice of Prophecy
10:00-Paul Carson-Organ	Presbyterian Service	Newspaper of the Air
10:15-Salt Lake City Choir	Presbyterian Service	Christian Science Hour
10:30-Salt Lake City Choir	Catholic Hour	Songs of Devotion
10:45-Salt Lake City Choir	Catholic Hour	Songs of Devotion
11:00-Music of all Faiths	Catholic Hour	Songs of Devotion
11:15-Music of all Faiths	Catholic Hour	Songs of Devotion
11:30-N.Y. Philharmonic	MONITOR	Songs of Devotion
11:45-N.Y. Philharmonic	MONITOR	Songs of Devotion
12:00-N.Y. Philharmonic	MONITOR	Songs of Devotion
12:15-N.Y. Philharmonic	MONITOR	Songs of Devotion
12:30-N.Y. Philharmonic	MONITOR	Songs of Devotion
12:45-N.Y. Philharmonic	MONITOR	Songs of Devotion
1:00-Woolworth Hour	MONITOR	Songs of Devotion
1:15-Woolworth Hour	MONITOR	Songs of Devotion
1:30-Woolworth Hour	MONITOR	Songs of Devotion
1:45-Woolworth Hour	MONITOR	Songs of Devotion
2:00-Chevrolet News	Operation Helping Hand	Music for Listening
2:15-Operation Helping Hand	Operation Helping Hand	Music for Listening
2:30-Greatest Story	Operation Helping Hand	Music for Listening
2:45-Greatest Story	Operation Helping Hand	Music for Listening
3:00-Face the Nation	Nutrilite Theatre	Music for Listening
3:15-Face the Nation	Nutrilite Theatre	Music for Listening
3:30-Sunday Serenade	Nutrilite Theatre	Music for Listening
3:45-Knox Chimes	Nutrilite Theatre	Music for Listening
4:00-World News Best	MONITOR	Gospel Call
4:15-Edgar Bergen	MONITOR	Old Fashioned Revival
4:30-Edgar Bergen	MONITOR	Old Fashioned Revival
4:45-Edgar Bergen	MONITOR	Old Fashioned Revival
5:00-Bekins Hymn Music	MONITOR	Old Fashioned Revival
5:15-Bekins Hymn Music	MONITOR	Old Fashioned Revival
5:30-CBS Newsroom	Shirley Thomas	Lutheran Hour
5:45-CBS Newsroom	Shirley Thomas	Lutheran Hour
6:00-Vignettes	MONITOR	Walter Winchell
6:15-Our Miss Brooks	MONITOR	Tomorrow's News Hds.
6:30-Two for the Money	MONITOR	Rin-Tin-Tin
6:45-Two for the Money	MONITOR	Rin-Tin-Tin
7:00-Gene Autry	MONITOR	Wild Bill Hickok
7:15-Gene Autry	MONITOR	Wild Bill Hickok
7:30-Gunslinger	MONITOR	Wild Bill Hickok
7:45-Gunslinger	MONITOR	Wild Bill Hickok
8:00-Facts or Fantasies	Minister's Roundtable	Minister's Roundtable
8:15-Facts or Fantasies	Minister's Roundtable	Minister's Roundtable
8:30-Mitch Miller Show	Minister's Roundtable	Minister's Roundtable
8:45-Mitch Miller Show	Minister's Roundtable	Minister's Roundtable
9:00-Tom Triffin, Romance	Conversation	Quaker Hour
9:15-Tom Triffin, Romance	Conversation	Quaker Hour
9:30-Suspense	Richfield Reporter	Quaker Hour
9:45-Suspense	Richfield Reporter	Quaker Hour
10:00-Music to Remember	Organalogue	Quaker Hour
10:15-Music to Remember	Organalogue	Quaker Hour
10:30-Revival Time	Eternal Light	Quaker Hour
10:45-Revival Time	Eternal Light	Quaker Hour
11:00-Sign Off	News & Sign Off	Quaker Hour

RADIO PROGRAMS-MONDAY

KJVC-1230 kc	KMED-1440 kc	KWIN-1490 kc
6:00-World News Roundup	KMED Koral	Wakeup Ranch
6:15-Yawn Patrol	KMED Koral	Wakeup Ranch
6:30-Yawn Patrol	KMED Koral	Wakeup Ranch
6:45-Yawn Patrol	KMED Koral	Wakeup Ranch
7:00-Coffee Concert	Larro-Round-up Time	Hemingway News
7:15-Martin Agronsky	Weather & Local Beat	Breakfast Gang
7:30-Tom Macdonald Sports	Weather & Local Beat	Breakfast Gang
7:45-Harry Babbitt	Weather & Local Beat	Breakfast Gang
8:00-Frank Goss	World News Roundup	Cliff Ingle News
8:15-Breakfast Club	Kashbox & Swap & Sell	Cliff Ingle News
8:30-Breakfast Club	Songs & Visit	Cliff Ingle News
8:45-Breakfast Club	Fiber & Molly	Cliff Ingle News
9:00-Ted Malone	Friendship Circle	Cliff Ingle News
9:15-Cote Glee Club	Manhattan Melodies	Cliff Ingle News
9:30-Helen Trent	Manhattan Melodies	Cliff Ingle News
9:45-Weisfield's Mike	Manhattan Melodies	Cliff Ingle News
10:00-Whispering Streets	M. McBride Dr. Pearle	Newspaper of the Air
10:15-Relay Club	Weekday	Weekday
10:30-Howard Miller Show	Weekday	Weekday
10:45-Trading Post	Weekday	Weekday
11:00-Mont's Music Box	Weekday	Weekday
11:15-Mont's Music Box	Weekday	Weekday
11:30-Nora Drake	Weekday	Weekday
11:45-Aunt Mary	Weekday	Weekday
12:00-Paul Huxley	Lunchtime News & WX	Lunchtime News & WX
12:15-Johnny & Record Rack	Lunchtime News & WX	Lunchtime News & WX
12:30-Rogue Valley Reporters	Lunchtime News & WX	Lunchtime News & WX
12:45-Weather & Local Beat	Lunchtime News & WX	Lunchtime News & WX
1:00-Arthur Godfrey	Right to Happiness	Western Roundup Time
1:15-Arthur Godfrey	Right to Happiness	Western Roundup Time
1:30-Arthur Godfrey	Right to Happiness	Western Roundup Time
1:45-Arthur Godfrey	Right to Happiness	Western Roundup Time
2:00-Strictly for the Ladies	Woman in House	Western Roundup Time
2:15-Arthur Godfrey	Woman in House	Western Roundup Time
2:30-Arthur Godfrey	Woman in House	Western Roundup Time
2:45-Arthur Godfrey	Woman in House	Western Roundup Time
3:00-Musical Minkmaster	Westside Party	Western Roundup Time
3:15-Musical Minkmaster	Westside Party	Western Roundup Time
3:30-Musical Minkmaster	Westside Party	Western Roundup Time
3:45-Musical Minkmaster	Westside Party	Western Roundup Time
4:00-The Children's Hour	Weekday	Hemingway News
4:15-Club 1230	Weekday	Hemingway News
4:30-Club 1230	Weekday	Hemingway News
4:45-Club 1230	Weekday	Hemingway News
5:00-Edward R. Murrow	Regional News	Bob & Ray
5:15-Bill Stern	Regional News	Bob & Ray
5:30-Dinner Music	Regional News	Bob & Ray
5:45-Frank Goss	Regional News	Bob & Ray
6:00-John W. Vandercook	Washington Report	Local News
6:15-John W. Vandercook	Washington Report	Local News
6:30-Amos & Andy	Man On the Go	Local News
6:45-Amos & Andy	Man On the Go	Local News
7:00-Godfrey Talent Scout	Chet Huntley	True Detective
7:15-Godfrey Talent Scout	Chet Huntley	True Detective
7:30-Godfrey Talent Scout	Chet Huntley	True Detective
7:45-Godfrey Talent Scout	Chet Huntley	True Detective
8:00-So. Oregon vs. Linfield	Morgan Beatty	Record Session
8:15-So. Oregon vs. Linfield	Morgan Beatty	Record Session
8:30-So. Oregon vs. Linfield	Morgan Beatty	Record Session
8:45-So. Oregon vs. Linfield	Morgan Beatty	Record Session
9:00-So. Oregon vs. Linfield	Morgan Beatty	Record Session
9:15-So. Oregon vs. Linfield	Morgan Beatty	Record Session
9:30-So. Oregon vs. Linfield	Morgan Beatty	Record Session
9:45-So. Oregon vs. Linfield	Morgan Beatty	Record Session
10:00-CBS News	Richfield Reporter	KWIN Karavan
10:15-Music to Remember	Music to Dream By	KWIN Karavan
10:30-Music to Remember	Music to Dream By	KWIN Karavan
10:45-Music to Remember	Music to Dream By	KWIN Karavan
11:00-Music to Remember	Music to Dream By	KWIN Karavan
11:15-Music to Remember	Music to Dream By	KWIN Karavan
11:30-Music to Remember	Music to Dream By	KWIN Karavan
11:45-Music to Remember	Music to Dream By	KWIN Karavan
12:00-Sign Off	Sign Off	Music Til Morn. All nite

(All programs at same time daily, unless otherwise indicated)
A.M. 5:45 Sign on Music throughout day except for following programs:
10:15-12:15 KBOY ranch; 12:15-12:30 (Sunday only) KBOY ranch;
6:30 Sign off.

TV PROGRAMS-KBES (Channel 5)

SUNDAY	MONDAY
10:15-Opera-"Madam Butterfly"	11:30-Devotions
10:30-Sunday Matinee	12:00-Matinee
10:45-Professionals Rams vs. Colts	1:00-Garden Home & Farm
11:00-College Hour	1:15-Secret Storm
11:15-Kitchenering	1:30-World of Mr. Swanny
11:30-Fashion Review	1:45-Val Rogue Camera
11:45-Scene Symphony	2:00-Pinky Lee
12:00-This Is the Life	2:15-Howdy Teddy
12:15-In the Mood	2:30-Feminine Fancies
12:30-It's a Great Life	2:45-TEA
12:45-Private Secretary	3:00-Uncle Bill Show
1:00-Waterfront	3:15-TV Question Box
1:15-Ed Sullivan Show	3:30-Adventures in Literature
1:30-GE Theater	3:45-News
1:45-Weekly News in Review	4:00-Weather
2:00-Musical Magic	4:15-Hollywood Album
2:15-Loretta Young	4:30-Shopping for Fashions & Gifts
2:30-Break the Bank	4:45-Studio One
2:45-Frugal Old Years	5:00-Conrad Nagel Theater
3:00-Midget Movies	5:15-Badge 714
3:15-News and Sign Off	5:30-I Love Lucy
	5:45-December Bride
	6:00-Drive-In Theater
	6:15-Best Theater
	6:30-News
	6:45-Sign Off

LARGE CUCUMBER
Ponca City, Okla. — (U.P.) —
Preach Acton, caretaker at Lake
Ponca, showed he has an unusually
large "green thumb" by growing a
cucumber which measured more than 2 1/2
feet in length and weighed 2 1/2
pounds. Acton also produced a
10-pound 12-ounce cantaloupe in
his garden by the lake.

The shrimp industry provides
a livelihood for approximately
15,000 fishermen and contributes
to the income of another 15,000
employees in some 600 shore
establishments, the Fish and
Wildlife Service says.

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Pawtucket, R.I.—(U.P.)—Forty-six patrolmen had to take a competitive promotion examination all over again. It seems that when one of the patrolmen was handed his copy of the examination, he also inadvertently was given a pamphlet containing all of the correct answers.

The Medical Roundup

by *Walter Alvarez*
Emeritus Consultant in Medicine,
Mayo Clinic
Emeritus Professor of Medicine,
Mayo Foundation

A NEW POLIO VACCINE

As I wrote in this column some time ago, the ideal polio vaccine would be a "live" one, made up of living viruses which had been so changed that they would produce a very mild illness, but one capable of protecting a child for many years or even for life. The so-called killed vaccine, in which the virus has been killed by formalin, because it does not produce any illness, cannot be expected to produce any long-lasting immunity. Because of this, children will probably have to be re-inoculated every so often. There is a danger, also, that adults, with their protection gone, might get a very severe form of polio, as they sometimes do now.

As I pointed out a while ago, one makes a live vaccine by changing a virus, normally highly injurious to man, into one that is almost harmless for man. This change is effected usually by passing the virus through 100 or more generations of some animal. In the process the virus becomes destructive to the animal but harmless to man. It is like feeding 150 successive generations of dogs on bread until they lost all taste for meat and would never bite a man!

The vaccine that now protects us all from getting the once-universal and often fatal smallpox consists of a live virus that has lost its virulence for man by being passed through calves.

Virus No. 1 Holds Out

For years, a group of able virologists, working in the Lederle laboratories, have been passing the three polio viruses through mice and hamsters and eggs in an effort to make these viruses harmless for man. They soon had success with virus No. 2, but virus No. 1 held out, and for long refused to change. Now, in a fine article in the December Woman's Companion, J. D. Ratcliffe tells how the problem of changing virus No. 1 has been solved; a live vaccine containing all 3 viruses has been produced; it has been tested on hundreds of animals and on 87 children and has been found to be perfectly safe.

This vaccine was easier to make because of the work of Dr. Max Theiler, who years ago made a safe vaccine against yellow fever, so good that it gave 100 per cent protection to our soldiers during World War II. In order to change the yellow fever virus, so often fatal to man, Dr. Theiler passed it through 53 monkeys (from one to another), then through 18 batches of mouse embryos, 58 chicken embryos and then 160 incubating eggs. In the process, the virus became a disease-producer for chicks rather than for

man. It became harmless to man. Used Knowledge

Having learned how to make the vaccine for yellow fever, Dr. H. R. Cox and his group used their knowledge to make a live vaccine against polio. They have found that it produces in the blood plenty of those antibodies that can protect from an attack of polio. This vaccine can be swallowed; it works well when put into the stomach, and this will be great news for all children who now have the sight of a hypodermic needle.

During the course of this work, the virus had to be passed through many generations of mice and then through 115 generations of hamsters (a rat-like



Watch for a great new hit record soon to be sweeping the country.

On one side is "Whispering, Shifting Reindeer" and on the other side the baker's song, "Sixteen Buns."



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little animal). Only then would it grow in eggs. This last step was so necessary, if only because it is now so easy to make a vaccine from viruses grown in eggs.

A few years ago, Dr. Albert Sabin of Cincinnati was working along these lines. Then he got a hunch that many of those persons who are immune to polio, but have no history of having suffered from the disease, might once have been infected with a harmless strain of polio virus which had mutated or changed all by itself. On testing the stools of 1700 Mexican children, Dr. Sabin and Dr. Ramon Alvarez found a few of the expected naturally "tame" viruses. In Montgomery, Ala., Dr. Morris Schaeffer and Dr. C. P. L. have been discovering similar "mutated" or changed and harmless-to-man polio viruses.

Vaccines made along these lines have already been tested on children and on many volunteers in prisons, and have been

found to be perfectly safe. It is hoped now that in two more years these vaccines will be available in ample quantities.

In the meantime, children should continue to be protected with the Salk vaccine. Fortunately, research men have now worked out measures which they feel will make impossible further contaminations such as caused the serious infections of some 80 children in the western states. Experts now feel that this will never happen again.

Dr. Alvarez regrets he hasn't the time in which to read or answer requests for information.

(Released by The Register and Tribune Syndicate, 1955)

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Strange As It Seems by Elsie Hix

A HOME OF TOMBSTONES!
OVER 2,000 DISCARDED MARBLE TOMBSTONES WERE PURCHASED FROM A CEMETERY BY ONE YOUNG OF PETERSBURG, VA., TO BUILD HIS HOME!

SOUTH HIGH—MINNEAPOLIS WON THE CITY FOOTBALL CHAMPIONSHIP AGAINST OTHER SCHOOLS WITHOUT SCORING A TOUCHDOWN! TOTAL SCORE—SOUTH HIGH 10-OPPONENTS—0—1-11

BUZ SAWYER

IF IT'S A FLYING JOB YOU WANT, PAL, I CAN GET YOU A DILLY... BUT JUST HOW BAD DO YOU WANT A JOB?

LOOK, DIAMOND, I'VE GOT A WIFE AND KID. THE MONEYS ABOUT GONE. I'M DESPERATE!

ARE YOU WILLING TO FORGET SOME OF YOUR LIVELY WHITE PRINCIPLES? ARE YOU HUNGRY?

I TOLD YOU I WAS DESPERATE! I'VE GOT TO HAVE A JOB.

LATER: WELL, BOYS, I'VE ALL BUT GOT HIM IN THE BAG. FINE, BUT PLAY IT SAFE, DIAMOND. YEAR, MAKE SURE HE'S REALLY ON HIS UPPERS. LET'S PUT HIM TO A TEST. GOOD.

BARNEY GOOGLE AND SNUFFY SMITH

DON'T YE WORRY ABOUT ME, SNUFFY—I GOT ME ANOTHER BODACIOUS INVENTION THAT'LL ROCK THE AIRTH--

THAT'S TH' OL GRIT, WINTON--DON'T NEVER GIVE UP

YEP--I'LL LOCK MYSELF UP FOR ANOTHER TWO-THREE YEARS AN' BY THAT TIME I'LL HAVE ALL TH' KINKS WORKED OUT OF MY PITCHER VISION

WAAL--IT'S A FAIR TO MIDDLIN' IDEE--HOWSEMEVER--I DON'T THINK I'LL EVER KETCH HOLT

BLONDIE

DAGWOOD, DID YOU MAIL THAT LETTER I GAVE YOU THIS MORNING?

AREN'T YOU EVEN GOING TO GIVE ME A HELLO?

DID YOU MAIL THAT LETTER?

WHAT KEEPS YOU FROM ASKING THAT QUESTION?

DID YOU MAIL IT?

WHAT'S THE MATTER, DEAR? DON'T YOU HAVE ANY CONFIDENCE IN ME?

DID YOU MAIL IT?

FRANKLY--NO

MUTT AND JEFF

MUTT, REMEMBER THAT TEN SPOT YOU PAID ME YESTERDAY? WELL, I PAID IT TO THE TAILOR FOR WHAT I OWED HIM!

THE TAILOR PASSED IT TO HIS LANDLADY AND HERE'S THE SAME BILL BACK!

THE JANITOR PAID ME FOR AN OLD LOAN! AND HERE'S THE SAME BILL BACK!

YOU POOR BOOB! DIDN'T YOU KNOW I WAS ONLY FOOLING?

THAT'S STAGE MONEY!

Insurance Group Will Elect Officers Dec. 8

Officers will be elected at an annual meeting of Medford Professional Insurance Agents association at a dinner meeting Thursday, Dec. 8, at 6:30 p.m., in the Jackson hotel.

Dick House is chairman of the nominating committee. Officers also will be installed at the meeting.

Guests at the dinner and meet-

ing will be husbands and wives of members.

Fred Brennan will report for the committee in charge of co-operation for driver training and Safe Driving day work in public schools; Gordon MacKenzie will report on revision of bylaws, and the group will vote on applications for new members.

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CROSSWORD PUZZLE Answer to Yesterday's Puzzle

ACROSS

1-Challenged
2-Sumptuous dinner
11-Defiant
12-Body of water
14-Part of stove
15-Monetary value
17-Negative
18-Pow
19-Molara
20-Pose for portrait
21-Old Testament (abbr.)
22-Loans
23-Nip
24-Archives
26-Roman goddesses

DOWN

27-Dress borders
28-Stopper
29-Collect
31-Violent windstorm
34-Young girl
35-Young horses
36-Babylonian deity
37-Saint
38-Winter vehicles
39-Beast of burden
40-Artificial language
41-Place
42-Toward the sheltered side
43-Enigmas
45-Cuts
46-Roman date
48-Pamphlet

DOWN

1-Consign
2-Ignited
3-King Arthur's lance
4-Printer's measure
5-Relies on
6-Jumps about
7-Every
8-Given
9-Conjunction
10-Explosive
11-Warning
12-Memoranda
13-Communists
14-Conditions
15-City in Alaska
16-Clayey earth
17-Farm buildings
18-Fortified places
19-Most field
20-Warning
21-Dark red
22-Peddlers
23-Sandy waste
24-Fertile spots in desert
25-Genera
26-Withered
27-Fish sauce
28-Musings
29-Preparation
30-Teutonic deity