

STAR GAZER

By CLAY R. FOLLAN
Your Daily Activity Guide
To develop message for Friday,
read words corresponding to numbers
of your Zodiac birth sign.

Sign	Word	Sign	Word
Aries	1. Thrill	Libra	1. Thrill
Taurus	2. Thrill	Scorpio	2. Thrill
May 21	3. Thrill	Nov 21	3. Thrill
May 21-31	4. Thrill	Nov 21-31	4. Thrill
May 21-31	5. Thrill	Nov 21-31	5. Thrill
May 21-31	6. Thrill	Nov 21-31	6. Thrill
May 21-31	7. Thrill	Nov 21-31	7. Thrill
May 21-31	8. Thrill	Nov 21-31	8. Thrill
May 21-31	9. Thrill	Nov 21-31	9. Thrill
May 21-31	10. Thrill	Nov 21-31	10. Thrill
May 21-31	11. Thrill	Nov 21-31	11. Thrill
May 21-31	12. Thrill	Nov 21-31	12. Thrill
May 21-31	13. Thrill	Nov 21-31	13. Thrill
May 21-31	14. Thrill	Nov 21-31	14. Thrill
May 21-31	15. Thrill	Nov 21-31	15. Thrill
May 21-31	16. Thrill	Nov 21-31	16. Thrill
May 21-31	17. Thrill	Nov 21-31	17. Thrill
May 21-31	18. Thrill	Nov 21-31	18. Thrill
May 21-31	19. Thrill	Nov 21-31	19. Thrill
May 21-31	20. Thrill	Nov 21-31	20. Thrill
May 21-31	21. Thrill	Nov 21-31	21. Thrill
May 21-31	22. Thrill	Nov 21-31	22. Thrill
May 21-31	23. Thrill	Nov 21-31	23. Thrill
May 21-31	24. Thrill	Nov 21-31	24. Thrill
May 21-31	25. Thrill	Nov 21-31	25. Thrill
May 21-31	26. Thrill	Nov 21-31	26. Thrill
May 21-31	27. Thrill	Nov 21-31	27. Thrill
May 21-31	28. Thrill	Nov 21-31	28. Thrill
May 21-31	29. Thrill	Nov 21-31	29. Thrill
May 21-31	30. Thrill	Nov 21-31	30. Thrill
May 21-31	31. Thrill	Nov 21-31	31. Thrill

Good Adverse Neutral

RADIO PROGRAMS — THURSDAY

KYJC 1230 kc	KMFD 1440 kc	KWIN 1400 kc
4:00—Music Box	4:00—Car Tunes	4:00—Fulton Lewis Jr.
4:15—Story Hour	4:15—Car Tunes	4:15—Fulton Lewis Jr.
4:30—Arthur Godfrey	4:30—Man on the Go	4:30—Fulton Lewis Jr.
5:00—Murrow	5:00—Local News	5:00—Fulton Lewis Jr.
5:15—Eventide	5:15—Car Tunes	5:15—Fulton Lewis Jr.
5:30—Tom Harmon	5:30—Weather-Car Tunes	5:30—Fulton Lewis Jr.
5:45—Frank Goss	5:45—Orville Anderson	5:45—Fulton Lewis Jr.
6:00—Edward P. Morgan	6:00—Sports Daily	6:00—Fulton Lewis Jr.
6:15—Lowell Thomas	6:15—Hi-Fi Corner	6:15—Fulton Lewis Jr.
6:30—Sports—Amos-Andy	6:30—One Man's Family	6:30—Fulton Lewis Jr.
6:45—Amos-Andy	6:45—NBC News	6:45—Fulton Lewis Jr.
7:00—News	7:00—NBC News	7:00—Fulton Lewis Jr.
7:15—Masters of Melody	7:15—Family Living	7:15—Fulton Lewis Jr.
7:30—Robert Q. Lewis	7:30—Life and the World	7:30—Fulton Lewis Jr.
7:45—Robert Q. Lewis	7:45—NBC News	7:45—Fulton Lewis Jr.
8:00—News—Draper	8:00—NBC News	8:00—Fulton Lewis Jr.
8:15—Rusty Draper	8:15—X-Minute	8:15—Fulton Lewis Jr.
8:30—World Tonight	8:30—Night Line	8:30—Fulton Lewis Jr.
8:45—Seaver-Wihr	8:45—Night Line	8:45—Fulton Lewis Jr.
9:00—News	9:00—NBC News	9:00—Fulton Lewis Jr.
9:15—Orchestra	9:15—Nightline	9:15—Fulton Lewis Jr.
9:30—Turntable Terrace	9:30—Nightline	9:30—Fulton Lewis Jr.
9:45—Turntable Terrace	9:45—Nightline	9:45—Fulton Lewis Jr.
10:00—Richfield Reporter	10:00—News	10:00—Fulton Lewis Jr.
10:15—Turntable Terrace	10:15—Nightbeat	10:15—Fulton Lewis Jr.
10:30—Turntable Terrace	10:30—Nightbeat	10:30—Fulton Lewis Jr.
10:45—Turntable Terrace	10:45—Nightbeat	10:45—Fulton Lewis Jr.
11:00—Sign Off	11:00—Sign Off	11:00—Sign Off

RADIO PROGRAMS — FRIDAY

KYJC 1230 kc	KMFD 1440 kc	KWIN 1400 kc
4:00—News of America	4:00—Wake Up to Music	4:00—Sunrise News
4:15—Yawn Patrol	4:15—Wake Up to Music	4:15—Chuckwagon
4:30—Yawn Patrol	4:30—Wake Up to Music	4:30—Chuckwagon
4:45—Yawn Patrol	4:45—First News	4:45—Chuckwagon
5:00—News Roundup	5:00—Wake Up to Music	5:00—Hemingway News
5:15—Cecil Brown	5:15—Weather-News	5:15—Sunrise Serenade
5:30—MacLeod—Sports	5:30—Weather-News	5:30—Sunrise Serenade
5:45—Harry Babbitt	5:45—NBC News—Heart	5:45—Cliff Ingle News
6:00—Music—Weather	6:00—NBC News—Heart	6:00—Cliff Ingle News
6:15—Frank Goss	6:15—NBC News—Heart	6:15—Cliff Ingle News
6:30—Breakfast Tunes	6:30—NBC News—Heart	6:30—Cliff Ingle News
6:45—Howard Miller	6:45—NBC News—Heart	6:45—Cliff Ingle News
7:00—Weisfield Mike	7:00—NBC News—Heart	7:00—Cliff Ingle News
7:15—Breakfast Club	7:15—NBC News—Heart	7:15—Cliff Ingle News
7:30—Breakfast Club	7:30—NBC News—Heart	7:30—Cliff Ingle News
7:45—Breakfast Club	7:45—NBC News—Heart	7:45—Cliff Ingle News
8:00—Music Box	8:00—NBC News—Heart	8:00—Cliff Ingle News
8:15—Trading Post	8:15—NBC News—Heart	8:15—Cliff Ingle News
8:30—Name N' Neighbor	8:30—NBC News—Heart	8:30—Cliff Ingle News
8:45—Road of Life	8:45—NBC News—Heart	8:45—Cliff Ingle News
9:00—CBS News	9:00—NBC News—Heart	9:00—Cliff Ingle News
9:15—Second Mrs. Burton	9:15—NBC News—Heart	9:15—Cliff Ingle News
9:30—Cyle Nighor	9:30—NBC News—Heart	9:30—Cliff Ingle News
9:45—Pat Buttram	9:45—NBC News—Heart	9:45—Cliff Ingle News
10:00—Paul Harvey	10:00—NBC News—Heart	10:00—Cliff Ingle News
10:15—News—Weather	10:15—NBC News—Heart	10:15—Cliff Ingle News
10:30—Houseparty	10:30—NBC News—Heart	10:30—Cliff Ingle News
10:45—Houseparty	10:45—NBC News—Heart	10:45—Cliff Ingle News
11:00—Arthur Godfrey	11:00—NBC News—Heart	11:00—Cliff Ingle News
11:15—Arthur Godfrey	11:15—NBC News—Heart	11:15—Cliff Ingle News
11:30—Arthur Godfrey	11:30—NBC News—Heart	11:30—Cliff Ingle News
11:45—Arthur Godfrey	11:45—NBC News—Heart	11:45—Cliff Ingle News
12:00—Musical Mixer	12:00—NBC News—Heart	12:00—Cliff Ingle News
12:15—Musical Mixer	12:15—NBC News—Heart	12:15—Cliff Ingle News
12:30—Backstage Wife	12:30—NBC News—Heart	12:30—Cliff Ingle News
12:45—Helen Trent	12:45—NBC News—Heart	12:45—Cliff Ingle News
1:00—Nora Drake	1:00—NBC News—Heart	1:00—Cliff Ingle News
1:15—Music Box	1:15—NBC News—Heart	1:15—Cliff Ingle News
1:30—Music Box	1:30—NBC News—Heart	1:30—Cliff Ingle News
1:45—Story Hour	1:45—NBC News—Heart	1:45—Cliff Ingle News
2:00—Bulletin-Godfrey	2:00—NBC News—Heart	2:00—Cliff Ingle News
2:15—Bulletin-Godfrey	2:15—NBC News—Heart	2:15—Cliff Ingle News
2:30—Bulletin-Godfrey	2:30—NBC News—Heart	2:30—Cliff Ingle News
2:45—Bulletin-Godfrey	2:45—NBC News—Heart	2:45—Cliff Ingle News
3:00—Eventide	3:00—NBC News—Heart	3:00—Cliff Ingle News
3:15—Tom Harmon	3:15—NBC News—Heart	3:15—Cliff Ingle News
3:30—Frank Goss	3:30—NBC News—Heart	3:30—Cliff Ingle News
3:45—Edward P. Morgan	3:45—NBC News—Heart	3:45—Cliff Ingle News
4:00—Lowell Thomas	4:00—NBC News—Heart	4:00—Cliff Ingle News
4:15—Sports—Amos-Andy	4:15—NBC News—Heart	4:15—Cliff Ingle News
4:30—Amos-Andy	4:30—NBC News—Heart	4:30—Cliff Ingle News
4:45—NBC News	4:45—NBC News—Heart	4:45—Cliff Ingle News
5:00—NBC News	5:00—NBC News—Heart	5:00—Cliff Ingle News
5:15—NBC News	5:15—NBC News—Heart	5:15—Cliff Ingle News
5:30—NBC News	5:30—NBC News—Heart	5:30—Cliff Ingle News
5:45—NBC News	5:45—NBC News—Heart	5:45—Cliff Ingle News
6:00—NBC News	6:00—NBC News—Heart	6:00—Cliff Ingle News
6:15—NBC News	6:15—NBC News—Heart	6:15—Cliff Ingle News
6:30—NBC News	6:30—NBC News—Heart	6:30—Cliff Ingle News
6:45—NBC News	6:45—NBC News—Heart	6:45—Cliff Ingle News
7:00—NBC News	7:00—NBC News—Heart	7:00—Cliff Ingle News
7:15—NBC News	7:15—NBC News—Heart	7:15—Cliff Ingle News
7:30—NBC News	7:30—NBC News—Heart	7:30—Cliff Ingle News
7:45—NBC News	7:45—NBC News—Heart	7:45—Cliff Ingle News
8:00—NBC News	8:00—NBC News—Heart	8:00—Cliff Ingle News
8:15—NBC News	8:15—NBC News—Heart	8:15—Cliff Ingle News
8:30—NBC News	8:30—NBC News—Heart	8:30—Cliff Ingle News
8:45—NBC News	8:45—NBC News—Heart	8:45—Cliff Ingle News
9:00—NBC News	9:00—NBC News—Heart	9:00—Cliff Ingle News
9:15—NBC News	9:15—NBC News—Heart	9:15—Cliff Ingle News
9:30—NBC News	9:30—NBC News—Heart	9:30—Cliff Ingle News
9:45—NBC News	9:45—NBC News—Heart	9:45—Cliff Ingle News
10:00—NBC News	10:00—NBC News—Heart	10:00—Cliff Ingle News
10:15—NBC News	10:15—NBC News—Heart	10:15—Cliff Ingle News
10:30—NBC News	10:30—NBC News—Heart	10:30—Cliff Ingle News
10:45—NBC News	10:45—NBC News—Heart	10:45—Cliff Ingle News
11:00—NBC News	11:00—NBC News—Heart	11:00—Cliff Ingle News
11:15—NBC News	11:15—NBC News—Heart	11:15—Cliff Ingle News
11:30—NBC News	11:30—NBC News—Heart	11:30—Cliff Ingle News
11:45—NBC News	11:45—NBC News—Heart	11:45—Cliff Ingle News
12:00—NBC News	12:00—NBC News—Heart	12:00—Cliff Ingle News

Friday	KBYC 1230 kc	KMFD 1440 kc	KWIN 1400 kc
7:45—Sign-on News	7:45—Sign-on News	7:45—Sign-on News	7:45—Sign-on News
8:00—Music for Birds	8:00—Music for Birds	8:00—Music for Birds	8:00—Music for Birds
8:15—Music for Birds	8:15—Music for Birds	8:15—Music for Birds	8:15—Music for Birds
8:30—News on Noon	8:30—News on Noon	8:30—News on Noon	8:30—News on Noon
8:45—News on Noon	8:45—News on Noon	8:45—News on Noon	8:45—News on Noon
9:00—News on Noon	9:00—News on Noon	9:00—News on Noon	9:00—News on Noon
9:15—News on Noon	9:15—News on Noon	9:15—News on Noon	9:15—News on Noon
9:30—News on Noon	9:30—News on Noon	9:30—News on Noon	9:30—News on Noon
9:45—News on Noon	9:45—News on Noon	9:45—News on Noon	9:45—News on Noon
10:00—Portland Market—Music	10:00—Portland Market—Music	10:00—Portland Market—Music	10:00—Portland Market—Music
10:15—N. Y. Market	10:15—N. Y. Market	10:15—N. Y. Market	10:15—N. Y. Market

TELEVISION PROGRAMS

The following TV broadcast log is printed as a free public service for the Mail Tribune's readers and TV viewers. Schedule changes are printed as provided by the TV stations and the Mail Tribune cannot accept responsibility for errors or omissions.

KBES-TV (Channel 5)	KOTI-TV (Channel 2)
THURSDAY	THURSDAY
4:00—Feminine Fancies	4:00—Feminine Fancies
4:30—Men of Action	4:30—Men of Action
4:45—Search for Tomorrow	4:45—Search for Tomorrow
5:00—Rin Tin Tin	5:00—Rin Tin Tin
5:30—Ore-Cal Panorama	5:30—Ore-Cal Panorama
6:00—Your TV Weatherman	6:00—Your TV Weatherman
6:30—News	6:30—News
6:45—Doug Edwards	6:45—Doug Edwards
7:00—Sportsman's Club	7:00—Sportsman's Club
7:30—Men of Annapolis	7:30—Men of Annapolis
8:00—Playhouse	8:00—Playhouse
8:30—Richard Diamond	8:30—Richard Diamond
9:00—Sheriff of Cochise	9:00—Sheriff of Cochise
9:30—Industry on Parade	9:30—Industry on Parade
10:00—Video Scope	10:00—Video Scope
10:30—News	10:30—News
10:45—This Is Your Life	10:45—This Is Your Life
11:00—Wrestling	11:00—Wrestling
11:30—Sign Off	11:30—Sign Off
FRIDAY	FRIDAY
11:45—Devotions	11:45—Devotions
12:00—Cartoon	12:00—Cartoon
12:30—Big Payoff	12:30—Big Payoff
1:00—The Verdict Is Yours	1:00—The Verdict Is Yours
1:30—Brighter Day	1:30—Brighter Day
2:00—Secret Storm	2:00—Secret Storm
2:30—Edge of Night	2:30—Edge of Night
3:00—Homemakers Intermission	3:00—Homemakers Intermission
3:30—Garry Moore	3:30—Garry Moore
4:00—Strike It Rich	4:00—Strike It Rich
4:30—Feminine Fancies	4:30—Feminine Fancies
5:00—Search for Tomorrow	5:00—Search for Tomorrow
5:30—Wild Bill Hickok	5:30—Wild Bill Hickok
6:00—Cartoon Time	6:00—Cartoon Time
6:30—Your TV Weatherman	6:30—Your TV Weatherman
7:00—News	7:00—News
7:15—Doug Edwards	7:15—Doug Edwards
7:30—Highlights of 1957	7:30—Highlights of 1957
7:45—Cavalade of Sports	7:45—Cavalade of Sports
8:00—Pull Box	8:00—Pull Box
8:30—Sports Roundup	8:30—Sports Roundup
9:00—Spy	9:00—Spy
9:30—Capt. David Grief	9:30—Capt. David Grief
10:00—The Lineup	10:00—The Lineup
10:30—Stories of the Century	10:30—Stories of the Century
11:00—Dubarry Was A Lady	11:00—Dubarry Was A Lady
11:30—Sign Off	11:30—Sign Off

The Medical Roundup

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

Viruses Can Sometimes Be Of Service To Man

Usually, we think of the ultra-tiny viruses as hurtful to us, but sometimes they are very helpful to man. For instance, I was just reading that it may be that the discovery of a little virus that attacks the bollworm will save the nation's growers of cotton many millions of dollars a year. The bollworm has always been very hard to control with insecticides, because once it gets inside the cotton boll, or pod, it is safe. The insect attacks, also, corn and tomatoes.

Occasionally, I meet a man who says he doesn't believe in what he calls "the germ theory of disease." I always know, then, that he isn't a farmer, or a raiser of animals or chickens or turkeys. People who raise animals or chickens or turkeys know that any day their flocks can be wiped out by some germ or virus that comes along, and their life is one long fight against the several bacterial or viral diseases that attack their animals or birds. Their financial life depends on the help that the great drug houses can give them in the way of vaccines and antisera.

A few people know that Pasteur, the founder of bacteriology, got interested in the subject of destructive germs when the French growers of silk worms begged him to save their industry from destruction. They were faced by ruin and starvation when their silk-worms developed a fatal disease. When Pasteur looked at the sick silk-worms with a microscope, he saw that they were full of myriads of tiny bacteria. When he managed to get some silk-worm eggs that were free from bacteria, he started a new race or breed of worms and in this way, saved the silk industry.

Then the people who made beer and wine came begging that he would save them, too. Every so often a vat of what should have been delicious wine turned into vinegar, or a huge vat of beer didn't taste right. Again, Pasteur found that in each case the yeast that should have made good wine or beer had been contaminated with bacteria. When he got rid of these bacteria and got clean yeasts, again, vineyardists and brewers were happy.

I remember that, in the first World War, people kept coming to me, complaining of terrible headaches, and sometimes symptoms of serious food-poisoning. Soon a found out that these people had all eaten a sort of Swiss cheese that had been made in this country to replace the European brand that, at that time, could not be imported.

For a while our cheese-

makers had been troubled because the bacterium they were using made a cheese that tasted all right, but it didn't have the holes in it. In their efforts to get a cheese that had holes in it, they used a germ that happened to be poisonous to man.

I remember a man who went into the business of raising mushrooms for the market. Soon he ran into all sorts of difficulties and was faced with ruin. When he got a professor of bacteriology to come and work with him a while, this man soon found that the trouble was that ants were getting into the compost in which the mushrooms were grown, and these insects were carrying on them bacteria which poisoned the spores from which the mushrooms grew. When the man built his "caves" so that ants could not get in, and got some new spores free from bacteria, he was able, again, to grow good mushrooms.

I could gather together enough material of this type to fill a set of books, all showing how important bacteria are in industry. Then I could gather enough for a set of volumes on how important bacteria and the tiny viruses are in medicine, not only human medicine but veterinary medicine.

What is a fistula? It is a little tunnel through the tissues. "In ano" refers to the anus, or the opening at the lower end of the bowel. In some persons a little opening forms in the lining of the bowel, just above the anus, and through this, waste matter burrows under the skin and comes out one or two inches away. Often at first the person thinks he has had a boil break, but when he sees feces (waste matter) on his underclothes, he can know that there is an opening running from the bowel to the outside.

There is no medicine to heal such a thing, and hence it should be operated on right away. What has to be done is to open the burrow up so that it can heal from the bottom. If one neglects the situation, it can only get worse. It is like leaving a mole or a gopher in one's lawn. It only keeps making more burrows.

Dr. Alvarez hopes his readers will understand that it would be impossible for him to answer requests for information or to attempt to diagnose by mail.

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REDS PROBE TIBET

Katmandu, Nepal—Reports from Lhasa, capital of Tibet, said today Communist China may be having second thoughts about its cut back in the drive to bring Communism to Tibet. The reports said a top level committee of Chinese leaders arrived in the capital to investigate Communist penetration and suggest ways of fighting anti-Communist elements.

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