

# 1973 Marathon Handbook







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# 1973 Marathon Handbook

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## FOREWORD

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A fad is a phenomenon that dies out as quickly as it had flared up. By definition, it is short-lived. Marathon running is not a fad. It may have started that way in the late 1960s, but it has outgrown that stage now. Marathoning is an established sport, with its own growing number of races and its own growing body of runners.

The series of *Marathon Handbooks* is a record of the growth and maturing done in this area since the sport started booming in about 1968. We published the first *Handbook* in 1970, covering the previous season. That year there were 44 full marathons in the United States; 16 Americans broke 2:30; perhaps a few hundred ran under three hours (we didn't keep exact records then).

Four years later, in 1972, there were three times as many races, six times as many runners under 2½ and three hours. The reason simply is that more people are running marathons all the time, and the ones who run are getting better at it all the time.

This has been the trend since we started the *Handbook*, and it shows no sign of stopping now. Compare the past year with 1971, for example.

- Number of races—up 20%.
- Number of sub-threes—up 30%.
- Number of sub-2:30s—one-hundred of them qualified for the Olympic Trials last summer by bettering this time. In all US marathoning history before 1972, only 150 runners had done that.

There is significance in all these statistics. One possible result of the growth is the showing of American marathoners at Munich: first-fourth-ninth, the best any country has ever done in the Games when both placings and times are considered.

This means marathoning has grown big enough to attract men like Frank Shorter, Kenny Moore and Jack Bachelier. They are fast enough that they don't need to step up to the marathon to compete internationally. But the marathon appealed to them because it is big, respectable and highly competitive.

There is a pyramid effect at work. The broader the base, the higher the peak. The several thousand everyday runners who've flocked to the marathon are the base. Shorter, Moore and Bachelier are the peak.

Another significant feature of the growth is that it doesn't simply confine itself to 26-mile 385-yard racing. It spills over to every phase of distance running. Both shorter and longer races are growing at a startling rate, too.

We publish this booklet because several thousand runners have created a demand for it, and because we want to do our part to keep the sport growing and maturing as it has. This is done not only by telling in statistical terms what happened in 1972 and the races that will make the news in 1973, but also through feature articles.

The articles push along the growth as well. They tell of the personalities and techniques underlying the mass of numbers. These are things that will last when the scheduled races have been run and the statistics have been forgotten.



# Chapter I

## Featuring Marathoning



European road races like this one in Germany are drawing large crowds, too. (Horst Muller photo)

by John Parker

# THE BIGGEST SURPRISE

*The trend wasn't new. It had started in 1964, if not before. Billy Mills had been the first track specialist of real prominence to try marathoning as well. He's remembered for his startling 10,000-meter win at Tokyo, but he was also the second US runner in the marathon. By 1968, two of the three Americans were primarily trackmen—Kenny Moore and George Young. It was no surprise then when all three of the Munich team members came from solid track backgrounds.*

*Ted Corbitt, who has watched long distance racing go through all manner of changes in the last 30 years, has written, "The personnel of the US Olympic marathon team has changed dramatically since 1956, when the trio was essentially road runners. The road specialist who wants to nab a spot on future Olympic teams must now review his training and racing tactics and come up with something new. The five-minute mile marathon pace is here to stay. Most of the good five- and 10-kilometer trackmen now log as many or more miles than most seriously training marathoners, and they do it faster."*

*Jack Bacheler has trained like a marathoner for years. Weeks of 150 miles haven't scared him any, and a lot of those miles have been fast. Jack was almost sure to be an Olympian in 1972. He had been to the Games before, as a 5000-meter finalist at Mexico City, and he'd matured considerably since then.*

*But until one week last July, nothing had pointed to Bacheler making the Olympic team the way he did. Sure, he had speed. He had training background. But his size seemed to tie him to the track. He was... well, "too big" for the roads. Road runners are supposed to be little guys. Bacheler is 6'6 5/8" tall and weighs 170 pounds.*

*He had run marathons before. He had done a 2:22 in his first one back in 1970, and had sneaked in a Trials qualifying race of 2:26 last January. But he had also dropped out of his only big race, the 1971 AAU at Eugene.*

*Bacheler is a precision planner, and apparently he had planned with the 10,000 meters in mind, holding the marathon as last-hope insurance. The training started in Gainesville, Fla., where Bacheler was a doctoral candidate in entomology (study of insects). He finished school in the spring and moved to the Colorado Rockies for high-altitude sharpening.*

*His friend and training partner John Parker recalls the Gainesville phase.*

Running 20 miles a day with someone has a tendency to build a certain kind of closeness that can be matched by few other human ordeals. Perhaps being stranded on a life raft for 43 days might come close.

I have tried to tell people what that feeling is all about. To me it is the essence of sport. Heisman Trophy be hanged. Give me a friend who has sweated my sweat, felt my pain, feared my fears.

The first time I met Jack, he was already something of a human landmark in sports. He had just returned from the Mexico Olympics, having been

a surprise addition to the distance running contingent by dint of an outstanding high-altitude 5000-meter Trial finish.

What happened to Jack at Mexico and his attitude towards the whole affair said a lot about "the world's tallest distance runner."

He had qualified for the final in the 5000 meters easily, having left favorite American, Bob Day, out of the running in a faster heat. You must at this point try to understand the emotion of a young man who had never been much more than a "good college runner" to find himself suddenly at the epitome of his event in sports—the Olympic final.

The night before the event, Jack got so sick he couldn't walk. Still, not going out on the track to give it a try was "one of the hardest things I've ever had to do."

Jack came back to Gainesville to get his PhD in entomology and to develop a philosophy about sports that would allow him to live with the agony of his Mexico dropout and not be bitter for the rest of his life. And further, to allow him to come back to running after recovering and give it another try. I remember asking him about Munich way back then. He gave one of those great, unemotional, non-committal, non-rah-rah kind of answers he gave all sports writers, aspiring runners, awe-struck coaches and distant relatives:

"We'll just have to see how things go," he said.

Four years later, Munich loomed at the end of the summer, and things, well, they'd gone pretty well.

That is why Jack left Gainesville. He allowed himself a luxury denied him these past four years. He escaped Florida's death-to-runners summer heat in order to train in cool, high altitude Vail, Colo., for the Games.

Frank Shorter, who joined our little crew after graduating from Yale in 1969, was already there. Shorter, whose commitment to other things (law school, for instance) doesn't hold the same sway over his time as does running, had traveled the world over after training with Bachelor for a half-year. Jack had to grin and bear it as Shorter took off during the hot months and collected the really big marbles in Europe, leaving Jack to his embalmed insects, his charts, his notes, and his pitiful summer hot-weather training.

"I'm going to enjoy not letting the little S.O.B. get away with it this year," he said as he left Gainesville. Half serious, perhaps.

Being a dedicated runner has its drawbacks. Shorter had managed to put together only one year of law school while Jack may properly call himself "doctor" (but not without embarrassing the devil out of himself). Still, that is not great comfort, sitting in front of the air-conditioner while buddy Frank cleans up a six-mile field in Russia and winds up on the cover of *Sports Illustrated* graciously shaking the hand of a Russian whom he had not-so-graciously lapped a few minutes before.

"It always seemed like the day Frank left to go up north to train, it turned to about 100 degrees," Jack said. But in 1972 he got the luxury of an even start.

For now, I've got a lot of memories to chew over. A lot of 6:30 a.m.'s where nobody woke up for the first three miles. A lot of jet plane rides to far-off places (where Jack had always been before and thus assumed the role of grizzled veteran: "There is a little steak place around the corner of the hotel where you can get a good deal on..." Greasy spoons, all of them.)

There were many, many races. His, almost always triumphant, some-



times spectacularly so, like his hand-holding ties with brother Frank in the super-big meets. And there were my meager efforts. After the good ones he would come up and walk alongside a few steps, trying hard to conceal the paternalistic pride, saying things like "...didn't go too badly, I guess, huh?" After the bad ones he would do the same thing, except make some kind of objective comment, in order not to make the pain any worse than it inevitably was...sometimes just walking off without saying anything, just letting things alone. He understood about those things.

But the one time I will always remember as the essence of our friendship occurred in Miami several years ago at the AAU national meet.

It was an emotion-packed six-mile race, at least for us. Jack was in a big hassle with Mexico's little Juan Martinez. The rest of the field was far behind, fighting for the crumbs. I was on the infield with a case of shin splints and a press pass.

We're still not sure exactly what happened. I was trying to shout information to Jack as he went by. Some official got uptight, not knowing I was a bona-fide reporter, and had a cop rough me up and escort me off the infield. I was fit to be tied, which they almost did. I stayed around the outside of the track and yelled the same information at the top of my lungs (just so the official would hear).

Jack and Martinez came off the final turn with 120 yards to go, stride for stride (if that is possible when one runner is 5'2" and the other 6'7"). They had run the whole last quarter at an incredible speed. The final hundred yards was just unbearable after six miles of see-sawing.

Jack won. He pulled about five yards ahead, and, with teeth clenched, held it through the tape. I got to him before his momentum had stopped and embraced him, weeping unashamedly from relief. Jack kind of stumbled along on fatigue-numbed legs and just grinned and giggled. He said he had seen the altercation and had considered yelling something at the cop.

I couldn't stop blithering. We just stumbled around the track in Miami's twilight, trying to get unwound, trying to put into words some of those kinds of emotions that athletes can't ever really put into words.

"Damn," I kept saying. "Damn."

"Yeah," said Jack. He was, as usual, smiling.

*The Florida Three—Frank Shorter, Jeff Galloway and Bachelor—clustered around Olympic officials, arguing heatedly but sensing they weren't getting anywhere.*

*The Three had trained together at 8000-foot Vail. They had come down to the Eugene Trials and placed one, two and four at 10,000 meters. Shorter and Galloway had been one-two. Bachelor was fourth. Jon Anderson had passed him in the last 50 yards, and Jack had bumped Anderson. Bachelor was disqualified.*

*The Florida runners argued that the bumping had done no harm. They wanted Jack reinstated. Then Galloway could try to make the team in the marathon, his best event, and let Bachelor run the 10,000—his best. Officials would have none of that.*

*So Bachelor had no choice but to use his insurance—the marathon. He ranked about 40th of the 100 qualifiers. While Shorter and Kenny Moore ran away to win, and broke a lot of hearts among those who tried to stay with*

them, Galloway and Bacheler stayed back. They finished almost five minutes after the first two, but Bacheler made the team. He and Galloway appealed again for a switch in events. No way, said Olympic coach Bill Bowerman.

Wearing specially-made shoes to protect feet that were breaking down under the stress of road racing, and carrying a cold in his head, Bacheler was almost staggering as he made the final turn around Olympic Stadium. He seemed oblivious to the fact that his protege Shorter had won the gold medal and that his marathoning advisor Kenny Moore had finished fourth.

Bacheler finished ninth in 2:17:38.2—his best by three minutes. Everything considered, he may have been the real hero of US marathoning at Munich. He certainly was the biggest surprise.



by Cindy Cooksey

# WHO'S WHO IN RUNNING

If the "Pyramid Theory" is sound, the three- and four-hour marathoners who slog through races in Morrilton, Ark., and Kalispell, Mont., can take some of the credit for the US Olympic showing. Frank Shorter, Kenny Moore and Jack Bacher are the products of a system that stresses mass participation.

The theory is this. The wider and sturdier a program's foundation, the higher the peak will rise. Concentrate on building a foundation, and the tip takes care of itself. The three- and four-hour people are the base; the Olympians are the peak.

US marathoning is following a good course. Good because three Americans finished in the top nine at Munich, but much better because 5000 others have a chance to run all they can at home. With this quantity, the overall quality of the event can't help but improve. The idea is to throw the sport open to everyone, and let the times fall where they may.

A fascinating thing about the sport is that the people at the peak keep changing. New ones are shoved up there every year. In 1972 alone, eight new sub-2:20 marathoners showed up. These and the leaders of various special-interest groups are the representatives for the thousands at the base.

**TERI ANDERSON (Manhattan, Kansas)**—It was bound to happen with the women, too. The fast track runners inevitably would move in. Cheryl Bridges and Beth Bonner started that trend, and it has reached out to touch Teri Anderson now. Teri is the fastest woman ever to run a marathon. She did a mile last spring in 4:41.6 (which only Doris Brown and Francie Larrieu, among Americans, have bettered).

Eighteen-year-old Teri, who trains with the men's team at Kansas State University, hasn't had much exposure to national competition, so she hasn't established full confidence. She led the first mile of the 1972 AAU women's cross-country race, but dropped to 16th at the end.

"My endurance is my better asset," she says. "I'm really not that fast." To prove that, she ran a 2:55:45 marathon in early December. It was her first one.

**JEFF GALLOWAY (Tallahassee, Florida)**—Jeff Galloway went about making the Olympic team in exact opposite fashion from Jack Bacher. Jeff was the marathoner. Before the Olympic Trials, he had run three of them in 1972. He was the second American at Boston. Then in June, Jeff began finding new supplies of speed. He ran 10,000 meters in 28:29 at the AAU meet, and wasn't too close to the leaders. But with another few weeks to improve, maybe...

Galloway had done 2:19:34 (and 2:20:03) for the marathon early in the year. That endurance served him well when he started sharpening his pace. Before starting his Olympic push a year ago, Jeff had said, "I am presently of the opinion that winter should be a 'building' period for putting in bulk mil-



age to prepare for the competitive season. I would like to build up my mileage to 160-170 during this period of bulk training.” With help from Shorter and Bachelor at altitude, Jeff managed this... and produced unexpected results.

Galloway made the Olympic team at 10,000 and could have made it in the marathon too if he hadn't elected to help Bachelor.

**BILL GOOKIN (San Diego, California)**—San Diego is the birthplace of American over-40 running, and Bill Gookin is one of the parents. He helped start the US Masters meet in the mid-1960s, then had a long wait until he could compete there himself. He still hasn't, but he traveled to Europe last summer with the US Masters team. In Europe, some meets operate on a birth-year basis. This means a runner born in 1932 could compete as a 40-year-old even before his birthday.

The world marathon in Germany, however, wouldn't let a man be old before his time. Gookin ran unofficially since it was less than a week before his birthday. He ran with the leader to the stadium, then followed him from a discreet distance. Bill still ran 2:25:31—his best by four minutes.

Gookin's work as promoter (he manufactures the drink he invented, “ERG,” as well as handling San Diego Track Club business) often gets in the way of his work as runner. “My training is *extremely* variable,” he says. “I often have a backlog of Track Club work as well as school work and meetings (he's a science teacher), plus my own laxity. Therefore, the variability.”

**DON KARDONG (Bellevue, Washington)**—Every runner must have this dream: Take a year off. Train and race. See what I really can do if I have the freedom to explore.

Don Kardong did it, and he saw both sides of the freedom. First the good side: During the winter, he was super. Despite his height (6'3”), he was one of the country's best runners on the boards. He made the US indoor team that raced the Soviets. And he squeezed a marathon into the schedule—his first. He ran it in 2:18:05.

“For awhile after the indoor season,” Kardong said, “I was running 120-130 miles a week. Sometimes I went over 140. During a four-week period in April and early May, it dropped to about 105—but I was competing at the same time. I'd never done close to that much during the competitive season before.”

This led to the bad side. Don came down with mononucleosis, a strength-draining infection believed to be caused by overwork. He still wasn't back to full fitness by Olympic Trials time, yet he placed sixth in both the 10,000 and the marathon.

**MITCH KINGERY (Redwood City, California)**—High school track and marathons don't mix. Some coaches say that, but the bigger problem is the state athletic associations. Nearly all of them forbid running in open road races during the school season. Mitch Kingery came up against this ruling last spring. Since he had run a 2:29:11 marathon that qualified him for the Olympic Trials, he went for bigger things than the San Carlos-Carlmont dual meet. He passed up track to train long.

After running in the Trials and finishing a respectable 35th, Mitch returned to the track. His endurance work hadn't cut his speed. During the

cross-country season, he ran 9:12 for two miles and 14:12 for three.

The significant feature about Mitch is that he was a 15-year-old freshman when he qualified for the Trials marathon. He's a 16-year-old sophomore now.

**BRUCE MORTENSON (Rochester, Minnesota)**— Maybe it's the profound relief of finally having the Minnesota winter behind them, or maybe it's the fact that the winter has toughened them, but Minnesotans always do well at the Boston marathon. Ron Daws used to be with the leaders every year. There have been others. This time it was Bruce Mortenson. He was the first American finisher in the 1972 Boston, running one second under 2:20.

Mortenson is a Minnesotan by birth and residence, but he is pure Oregonian in running philosophy. He attended the University of Oregon several years ago, and won the NCAA steeplechase championship while training with Bill Bowerman.

"My training is based on the hard-easy philosophy of Bill Bowerman," Mortenson says. "I naturally vary this program to suit my individual situation as far as goals, running environment and philosophy go. A sample week would include a Sunday run of 22-25 miles, a tough interval workout on Tuesday, a run of 12-14 miles on Thursday, and either a race, time-trial or fartlek on Saturday. Monday, Wednesday and Friday would be light days. My runs are usually at whatever pace is comfortable. I would imagine I average six-minute pace on most runs."

**PAUL REESE (Sacramento, California)**— Until the last few years, there wouldn't have been an opportunity like this—not unless you were a jet-setter. No one could have found a marathon race a month, short of spending \$5000 for plane tickets. Now it is possible, which is a mixed blessing. The temptation to race too often is available in many parts of the country.

Paul Reese doesn't look like the suffering type. By current standards, he hardly trains. "My training is meditation running at a pace somewhere between 8-9 minutes a mile," he says. "I try diligently, with about an 85% success factor, to log 10 miles per day, which usually requires two workouts."

But in 1972 he "got curious about frequent racing." Through October he raced every weekend but one. That was the week after a 100-mile, which he finished. He ran 12 races of marathon distance or longer. Then he ran his best-ever marathon, 2:45:30. Paul is 55 years old, and the fastest 50-plus runner of the year.

**DOUG SCHMENK (Westminister, California)**— Mileages have escalated fiercely in recent years. It seems funny now to look back and remember the "ooo-ah" expressions that greeted Arthur Lydiard's 100-mile-a-week plan.

Doug Schmenk pushes his mileage about as high as anyone this side of Dave Bedford. Doug says, "When I have time I try to run heavy mileage. I wanted to try 200 miles a week to see what would happen because I heard so much talk about others trying it. During Christmas vacation last year I ran 220 miles a week for two weeks."

The immediate result was that he got sick. But he came back to run

**DAVE WHITE (Fullerton, California)**— The marathon appealed to Dave White a long time before he was able to run one. He was a superb high school two-miler, having broken nine minutes. His coach didn't want him to risk a hard road race.

"All through high school," Dave says, "my coach kept discouraging the idea. I was running a hard 18 miles every Sunday, but he kept telling me I couldn't make it. Ever chance he'd get, he'd put in a bad word about marathoning."

White went to college and met the same resistance. Then in late 1971 he got his chance. He ran 2:22:55 at Culver City and said, "It answered a lot of questions I had. After Culver City, I became a marathoner." A few months later, Dave ran 2:17:15 (which isn't listed in this booklet because he accidentally was misdirected and cut off 145 yards at the finish).

White is a student at Fullerton State, along with Doug Schmenk. Schmenk says their coach isn't impressed with their marathoning. "He complimented our 2:17s with the infamous quote, '2:17 doesn't score points at the nationals.' But our success lies in the marathon so that must be the direction we take."

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by Joe Henderson

# RUNNING FOR YOUR LIFE

The tide is going out now. In the late 1960s, running was "in." Medical authorities rushed to support it as a miracle cure. Now the rush is over, and perhaps inevitably opinion is running in the other direction. The first hard body of data is in, and doctors are jumping off the crusade as quickly as they'd climbed on a few years ago. The "in" attitude has switched to condemnation.

Surprise! Running isn't a miracle. It hurts some people. It has even killed a few. Therefore it must be bad. The obvious prescription: stop running.

Doctors in high places are talking this way. One is Dr. Harry J. Johnson, an official in the Life Extension Institute. He says walking is the best exercise, and calls runners "faddists." He presents his case in an American Heart Association pamphlet.

"So many faddists try to ruin a perfectly fine, normal, inconspicuous way of doing things," Dr. Johnson writes. "They feel they're not getting their money's worth unless they do exercises in a way to attract attention. I place jogging in this category..."

"Fortunately, we don't see so many joggers as we did a year or two ago. And I hope soon we won't see any, because—and this is my major objection—there have been quite a few reported deaths from jogging, mainly middle-age people who put their out-of-shape bodies under far too much stress. Finally, doctors are seeing many new conditions—back problems from the impact on pavement, knee and foot problems, and so on—directly traced to jogging.

"If you're still unconvinced, just look at the face of those poor souls out there jogging. They're pained, struggling for air, yet determined to go through with this thing if it kills them—and it sometimes does."

This is oversimplified emotionalism. Advising everyone to stop running because a few get hurt is as silly as saying everyone should run because some people apparently thrive on it. The truth lies somewhere between the extremes, because running is a paradox. You love it and you hate it. It builds you up and tears you down. The same activity can produce directly opposite reactions, even in the same person. The individual's approach decides which way he goes.

In a way, the new attacks on running are good for the sport. They point out real dangers. Admittedly, there are some. Everyone who runs should be aware of them because awareness is the first step toward prevention.

I'm not talking about stress injuries and illnesses that hit runners too often. No, this is about far more serious matters—life and death matters, to use a grisly cliché. Runners have died already. Not many, considering the vast numbers now running. But enough have died, and enough headlines have been written about them, to make every runner ask himself, "Could that have been me?"

Statistics are in your favor. Only one runner in the United States is

known to have died from a road race in 1972, compared to tens of thousands who added a bit to the quality—if not the quantity—of their lives by competing.

Still, it might pay to know the deadly dangers, so you know how to handle them. There are three:

1. **Traffic**—Road runners tempt fate nearly every day of the year. Cars are their worst enemy, and the one they worry about least—running inches away from collisions in which the car has a decided weight advantage.

2. **Heat**—We worry about it plenty, but the wrong reasons. Hot (and particularly hot *humid*) weather can do a lot worse than cut down chances of fast times. It carries the threat of heat stroke, which is fatal in a majority of cases.

3. **Heart Failure**—This is the problem the new generation of alarmists have jumped on to condemn running. Unlike cars and heat, heart attacks strike without warning. This makes them the most frightening. But if this is any comfort, they're by far the least likely to occur.

All three have taken victims...

## CAR COLLISIONS

*When the Reformed Presbyterian Church in Winchester, Kans., hired a minister, they also got a marathoner. Mel Vos turned the small southern Kansas community into a marathon center last December when he promoted the Sunflower State race. It was successful. Three weeks later, Vos was training in the barren countryside around Winchester. A driver speeding along the dusky blacktop apparently didn't see the runner. Mel was hit. The father of two young children died instantly. He was 31.*

Much as runners wish otherwise, roads are for automobiles. Their size and speed give them all the advantages. Pedestrians are intruders, and even in the best of circumstances are not very safe on the roads.

The risk is evident in this statistic, compiled by national highway safety officials. Driving on the roads is dangerous enough. But a person on foot is twice as likely to be killed there. The car offers a little protection to its occupants. The pedestrian has nothing. He's completely vulnerable.

Maintaining visibility is one protection. A driver is careful to avoid you if he sees you. Accidents only happen when drivers see people too late to swerve. Or do they? It's comforting to think so, but the facts show otherwise.

Bicyclists are in even closer competition with cars than runners are. They're forced to use the same roads, while we do it more by choice. A biking magazine warned its readers: "Traffic engineers know that a speeding motorist has a great tendency to fix his gaze on a slow-moving object, particularly if it is an interesting object, *and to hit it.*"



In other words, motorists may unconsciously make runners their slow-moving targets. If the driver sees you, you may be in more danger—not less.

Eve Barraza considers herself lucky. She was a driver's target, and she survived to talk about it. Mrs. Barraza is a 45-year-old Californian. In May 1972, she ran her first marathon and had the fastest time ever for a woman her age. Several days later, she was struck down while training on a street near her home. Her pelvis was broken, along with several ribs. Six months afterwards, she said, "I'm back in one piece after the accident, but the pieces don't fit as well as before."

Hal Higdon wrote in *Runner's World*, "It is the chance we all take when we leave the relative security of the running track to share the hazardous environment of the automobile." He didn't have any illusions about talking runners off the roads. Instead, Higdon recommended they practice "defensive running." You have to watch out for your own tail. No one else is going to do it for you—least of all the motorist zinging past at 70 miles an hour, encased in steel and glass.

The advice is so obvious it hardly needs mentioning: (1) stay off the busiest streets; (2) only use roads with a "safety margin"—a sidewalk, or at least a wide shoulder; (3) run on the left side of the highway—facing traffic—you can see what's bearing down on you that way, and have a chance to jump before it's too late.

No matter how tempting it might be, don't challenge the drivers when they have a weapon in their hands. One marathoner (who prefers anonymity) thought a car came too close to him. He pounded the side of the offending vehicle, and flipped the bird and a few obscenities the driver's way. They happened to be alongside a steep embankment. The driver calmly nudged the runner off the road, sending him rolling and clawing to the ditch far below.

"Long distance runners are a singular, testy breed," Hal Higdon said in his street safety article. "We are individualists. Under stress, any person's judgment can become impaired. When it comes down to those last few miles of a long distance workout, it becomes irritating to have to move over when approached by a speeding car. Yet consider the alternative if you don't move.

"I know many runners who take the position that it is they, not the drivers, who should possess the right-of-way. They run into traffic as though daring drivers to hit them, forcing cars to swerve across the center line to pass.

"I consider this an act of arrogance. More than that, I consider it an act of suicide."

## HEAT STROKE

*The 10-mile race in North Carolina was a summer lark for Nelson Hedley. He had let his condition drop off since the track season, but the long race picked up his interest. The temperature was 93 degrees. Humidity was high. At five miles, Hedley became dizzy and started to weave. A mile later, he collapsed. He was hospitalized with heat stroke. Examinations revealed*



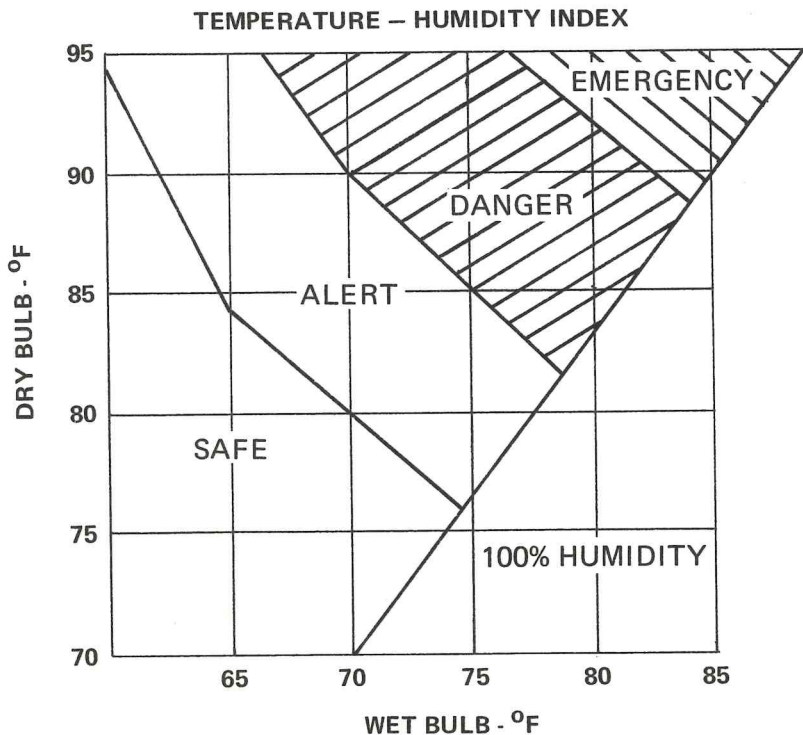
he had suffered brain and kidney damage. A week after the race, Hedley died. He was 16.

Nothing is more distressing to a distance runner than heat. He runs slower than usual while feeling worse, and he takes longer to recover afterwards. Ninety-nine-plus percent of the time, though, the symptoms don't go beyond slowness and discomfort.

The body's thermostat generally is effective. The faster a runner goes, the higher his internal heat builds. For brief moments, a sprinter's heat production increases a hundred-fold. A marathoner generates less, but the amount is significant. In cool weather, the extra heat passes out harmlessly through the skin. But in hot, clammy weather the heat can't escape so well. You slow down naturally to keep the heat in tolerable limits.

Sometimes a distance runner is too tough for his own good. He pushes his temperature past safe limits, into heat exhaustion. The surface symptoms are dizziness, pale and damp skin, normal to sub-normal temperatures. The worst thing about heat exhaustion is that it's one short jump away from heat stroke. The seriousness of heat stroke can't be emphasized too strongly. It usually involves physical collapse and fiery skin. It often is fatal.

It's a grim scene once a person has suffered heat stroke. Prevention is a far better course to take, and it is fairly easy to stay safe. It means preparing in advance for hot races. Adjusting pace to the elements. Drinking and soaking liberally en route. Talking race directors into running their races at sensible times of day and seasons of the year. Sacrificing time in the name of safety.



Beyond common sense and restraint, the best preventive measure available is the wet-bulb temperature. It tells objectively when temperature and humidity have climbed to dangerous levels. Humidity readings are as important as straight temperatures because the skin loses its natural air conditioning in muggy weather. Sweat can't evaporate easily. So a humid 60-degree day can be worse than a dry 80-degree one.

Originally, wet-bulb readings were used by the National Weather Service to warn stockmen that their cattle, sheep and hogs were threatened by the heat-humidity. In recent years, the military has adopted the system to protect its troops. Football teams started using it, too, after a number of players around the country died of heat stroke. Runners—who exercise more vigorously in the heat than any of the others, livestock, soldiers or football players—are only now beginning to see the importance of wet-bulb temperatures.

Dr. Kenneth Cooper wrote of "Wet Bulb Globe Temperatures" in *New Aerobics*. He described how to construct a wet-bulb device, how to operate it, and what the readings mean. Basically, it involves three separate thermometers: (1) a standard one shaded from the sun; (2) a black globe thermometer exposed to the sun and prevailing wind; (3) a stationary wet-bulb thermometer, also exposed. The WBGT is found by adding seven-tenths of the wet-bulb reading, two-tenths of the black globe and one-tenth of the standard.

The US Air Force follows these guidelines. Cooper says distance runners should do the same. When the wet-bulb temperature is...

- **below 80 degrees**, vigorous activity is relatively safe.
- **85 degrees**, "only those people who have been exercising in the heat for at least 10 days can continue their workouts."
- **88 degrees**, "only those people who have been exercising in the heat for at least 30 days can continue vigorous outdoor workouts."
- **90 degrees**, "it is best for all individuals to stop vigorous outdoor exercise regardless of the state of conditioning or heat acclimatization."

The National Weather Service's recommendations are more conservative—and they're talking about livestock, which spend their lives in the heat and know instinctively when to slow down. The NWS says 75 degrees (wet-bulb) is the "alert" level. Temperatures above 78 are in the "danger" zone. And above 88 is "emergency" conditions. The chart on page 17 shows the degrees of risk.

When a runner ignores all the objective and subjective warnings and suffers a heat stroke, he's in serious trouble. Anywhere from 17 to 70% of the victims die, usually of brain damage, circulatory or kidney failure.

New methods are being devised, however, to treat heat stroke victims. Thomas O'Donnell and George Clowes, both medical doctors, tested their methods at the Marine Corps Training Center in Parris Island, S.C. They treated recruits who'd collapsed during hot weather drills. Many had heat stroke symptoms. "All patients," they said, had engaged in strenuous activity—long distance running and prolonged calisthenics."

The treatment took two steps: (1) lowering body temperature as rapidly as possible by plunging the victims into "life saving ice baths" and (2) replacing fluids with a mixture of water, salt and potassium, usually given intravenously.

"With this regimen of cooling (and) modest fluid replacement," Drs. O'Donnell and Clowes said, "no deaths occurred in an experience of two years, involving 39 cases of heat stroke."

But even the survivors may not come out unscarred. A marathoner named Gary Castner from Florida tells of his experience:

"On Dec. 31, 1971, I competed in the Melbourne (Fla.) marathon. My time was 3:26 on a very hot day. At the end of the race, I was taken to a hospital suffering from dehydration and what was later diagnosed as a stroke brought on by my blood having thickened as a result of dehydration. It was a slight stroke, and as a result I lost the vision to the left of center in both of my eyes—permanently."

Don't play with fire.

## "SILENT" HEART DISEASE

*Larry Vollmer believed in the good of running. He'd come up through the Bill Bowerman-style jogging program himself to become a marathoner. Then he helped Bowerman teach a jogging class at the University of Oregon. The half-marathon race seemed well within his ability. He finished, but something obviously was wrong. "He was laboring," a friend said. "I could see that. He put his hands on my shoulders and I asked him if he was all right. He turned away and walked towards a car. I turned around to see if he was okay and he fell forward... When I got there he was convulsing." Vollmer died en route to the hospital, from "lack of oxygen to the heart muscle." He was 31.*

We've been led to believe that only out-of-shape joggers, middle-aged beginners, die of heart-related ailments. Aren't fit and experienced distance runners, particularly those as young as Larry Vollmer, considered safe?

Only relatively safe, as it turns out. Dr. Ernst Jokl is a leading authority on sports medicine. He recently edited a book titled *Exercise and Cardiac Death*. He writes, "Even today, the term 'athlete's heart' conveys an ominous notion to some people. Actually, exercise will *not* damage a normal heart." Jokl said he has not found a single instance where death resulted simply from extreme exertion. In every instance of death, the athlete had a pre-existing disease or malfunction in his heart.

Another authority on the subject is Dr. Thomas Bassler, a marathoner and medical examiner. He wrote in *Runner's World*, "Basically, there are two types of 'high risk' joggers—the genetic and acquired. Men with a family history of coronary deaths among young male relatives are 'genetic high risks'... These genetic cases may not be overweight when they die. Often they are athletic and don't smoke. Cases like these make the usual admonitions about diet and cigarettes seem worthless."

If experienced runners have any heart problem, it is likely to be the genetic type (as opposed to "acquired," which results from sedentary habits). The frightening thing about such problems is that they tend to be symptom-



free. They are what doctors call "silent heart diseases." There are a number of them. Some are permanent, others temporary. It appears now that most can't be cured with running alone.

Dr. George Sheehan theorizes that Larry Vollmer fell victim to an infection affecting his heart. "Rarely do we have an instance like this runner with an apparently normal heart who died of an abnormal heart rhythm (ventricular fibrillation)," Dr. Sheehan says. "The current feeling is that he probably had a mild viral or streptococcus infection with involvement of the heart which made him susceptible. This ailment is called myocarditis. An electrocardiogram (EKG) taken at the time might have disclosed such temporary disease. Unfortunately, taking EKGs with each viral infection is not feasible."

EKGs are feasible, and advisable, for detecting other silent heart problems. Dr. Kenneth Cooper uses extensive "stress testing" in his Aerobics Institute at Dallas. The test involves exercising on a treadmill or stationary bicycle while heart patterns are continuously monitored. Dr. Cooper claims the stress test can uncover previously hidden heart irregularities in at least 85% of the cases.

The stress test tells if running is safe. Cooper says all beginners over the age of 40 should have one, and that those in the 30-39 age group should have at least a resting EKG. "The purpose of these tests," he says, "is to spot any heart condition that might cause trouble during exercise. If coronary weakness or some other defect shows up, exercise must be scaled down to levels of physical demand that your heart can meet safely."

Perhaps it is wise to drop the age and experience limits after seeing that youth and a marathon background aren't absolute protection.

"Every sport has certain risks," George Sheehan, the running doctor-philosopher says. "Consider mountain climbing, cycling, auto racing, the 'blood' sports. Our risks are certainly minimal. But they are there."

The one sure way to avoid all risks is to stop running. After each running-related tragedy that hits the headlines, a few runners do quit, figuring it isn't worth the risks. The vast majority keeps taking chances because the sport means more to them than health and security.

George Sheehan explains:

"We have forgotten that we are talking about play. We are dealing with one of the primary categories of life—one which resists all logical interpretation. Play has a deeper basis than utility. It exists of and for itself.

"When we expose play to the function of promoting fitness and preventing heart attacks, we change its gold to dross. As countless fairy tales have told us, the choice of treasure over truth will always fail. What we need then is to conserve those mysterious and elusive elements of play which make it its own reward. We must remove anything that suggests practicality and usefulness. What we do must be fun and impractical and useless, or else we won't do it. If we become fit and impervious to heart attacks and all those other dread diseases, it will be because we don't care if we drop dead doing what we like to do.

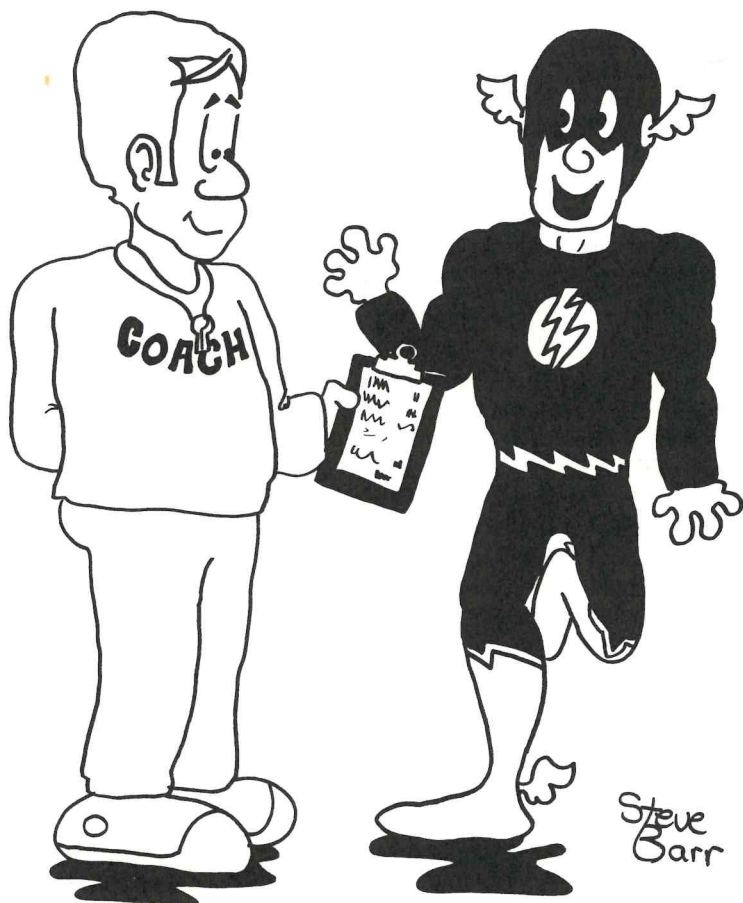
"We should be in sports not because they are practical but because they're not; not because we feel better but because we don't care how we feel; not because our fitness is increased but because we are so interested we don't even notice."



It's foolish to ask for trouble, but equally foolish to be scared away by minimal threats rather than facing them realistically. The odds *against* getting hit by a car, overheating, or suffering heart failure are incredibly high. They do happen, but not often. With proper care, the risk decreases even more. The potential risk can't begin to match the potential good that comes of running—not in the hazy future, but now.

Larry Vollmer, the heart victim from Oregon, has a younger brother named Wes. Wes runs, too. The day Larry died, Wes was defending running to a newspaper reporter. "It's important to make it clear how Larry felt about running," Wes said. "He felt strongly about running. It was most of his life. He wouldn't want anything to damage it... It wasn't the running (that killed Larry). It had to be some other weakness."

The next day, Wes Vollmer ran as usual.



"You were right coach! These new track suits have really psyched out everyone else."

# EVENTS THAT SUCCEED

Marathoning is growing and spreading. Anyone can see that. In 1972, there were races in 38 states. California alone had nearly two dozen full marathons within its borders. The average size of races throughout the country, in terms of number of finishers, reached about 90 runners.

A number of races are the traditional leaders. They are the ones that have lasted longest and that attract runners most. These two factors tend to go together and produce a hierarchy of US marathons.

Here were the 10 biggest races of 1972. In this case, biggest also meant best because they produced close to half of the year's best times. (listed by number of finishers; \*=estimated total)

1. Boston AA	991	6. Paavo Nurmi	215
2. Western Hemisphere	500*	7. New York City	185
3. Palos Verdes	494	8. Glass City	180
4. Trail's End	346	9. Island	173
5. Mission Bay	249	10. Golden Gate	170

In looking at these, and the others that have lasted for a long time, certain factors show up consistently from race to race. These are the ingredients for success in marathons.

● **Tradition:** The established races have made their "name" and their reputations carry them from strength to strength. They are at the time and on the same course every year. Runners can plan for them well in advance. The races have found a sound organizational groove. It's no accident that the two biggest races are the two oldest. Boston will be 77 this year; Western Hemisphere will be 26.

● **Area:** Almost any race on the west coast from Washington to California and in the east from Massachusetts to Maryland is going to succeed. Nearly half of the country's races are in those coastal areas, and probably over half of the country's marathoners. Eight of the 10 biggest races are in Massachusetts, New York, California and Oregon. Marathons have a harder time of making it big elsewhere, but the Paavo Nurmi (Wisconsin) and Glass City (Ohio) races show it can be done.

● **Organization:** Putting on a marathon race is like planning and executing a military campaign. There has to be a shrewd general in charge and a large number of privates carrying out his orders. It can't be a one-man operation. Boston has half the city's police force out protecting the runners on race day. Trail's End has a small army of helpers. The San Diego Track Club has a 400-member reservoir of helpers. Paavo Nurmi brings out the coaches and runners from Olympia Sport Village. New York City has its big Road Runners Club.

● **Sponsorship:** Marathons are surprisingly expensive, but race directors are finding new help with the bills. In 1973 races will be sponsored by an oil company (the Marathon oil company, what else?), insurance company, winery, shoe company, service organization, newspaper, glass works, hotel, amusement park, sports camp and shopping center.

● **Advertising:** The best-established races—Boston and Western Hemis-

phere—don't need it. Everyone already knows about them. But the up-and-coming events grow faster when they advertise. Seven of the 10 biggest races have had ads in *Runner's World*, and many directors say this has doubled their fields—particularly by reading out-of-area runners. We aren't trying here to sell ads, but only to show their power. Of course the best advertising is word-of-mouth, from one satisfied runner to the next.

- **Course:** The thriving races offer one of two things in the way of route—speed or scenery. If they're not scenic, they're very fast. If they're not fast, they must be somehow spectacular to attract hundreds of runners. Boston and Culver City aren't so pretty, but they yield good times. Pike's Peak is the third oldest race at 18. It offers the challenge of the mountain. Golden Gate has a run across the famous bridge to compensate for a two-mile climb approaching it.

- **Accuracy:** All that most runners really demand is an accurate time for an accurate distance. A top race won't stay on top for long if it doesn't provide both, because sloppy timing and measurement hint of sloppy overall organization. More than 20 courses were newly certified in 1972 by Ted Corbitt's AAU standards committee, and he sold over 70 measuring devices. (Write Corbitt for information at 150 West 225th St., Apt. 8H, Section 4, New York, N.Y. 10463.)

- **Season:** Summer is a killer, and you can't count on it being cool anywhere in the country. Only two of the 10 biggest races—Glass City and Paavo Nurmi, both in the humid midwest—are held in the summer months. And only one—Trail's End in mild coastal Oregon—is in mid-winter. All the others are in the spring and fall. There's another element besides weather in this timing. Many of the races catch school athletes just before or just after their track and cross-country seasons. The best examples are the two California giants. Palos Verdes comes on the heels of track and Culver City just after cross-country.

- **Extras:** Trophies, medals, certificates, printed tee-shirts, free meals, overnight lodging—all the things that appeal more to the marginal runner than to the hard-core. But it's the "marginal" ones who make the races big and eventually mature into the "hard-core."



by Pat Tarnawsky

# WHAT ONE RACE CAN DO

Vital statistics alone do not describe this vital new race, already one of the best in the US. The plain facts *are* impressive, though. Started in 1970 with 126 starters and a shoestring, the marathon blossomed to 284 starters in 1972. It has one of the best courses in the country—the rolling six-mile loop around Central Park, with no auto traffic. It has one of the finest dressing facilities—the plush West Side YMCA (where out-of-town runners can also stay for \$7 a night). It gets more major media coverage than Boston.

But the marathon is no longer just a top athletic event for 300 bodies. It has turned into sociology. It's proof of the athletic and human impact that a long distance race can have on the city that hosts it.

The race was the brainchild of textile executive Fred Lebow, a runner who got a vision of the potential for long-distance running in Central Park. Now president of the New York Road Runner Club, Fred has the help in planning the marathon of a motley but distinguished crew of metropolitan runners. They range from national RRC president Vince Chiappetta through 1970 N.Y. Marathon winner Gary Muhrcke to Kurt Steiner, who directs all the local races and who is something of a culture hero. Plus many others.

Here is some of the spinoff that the marathon has had:

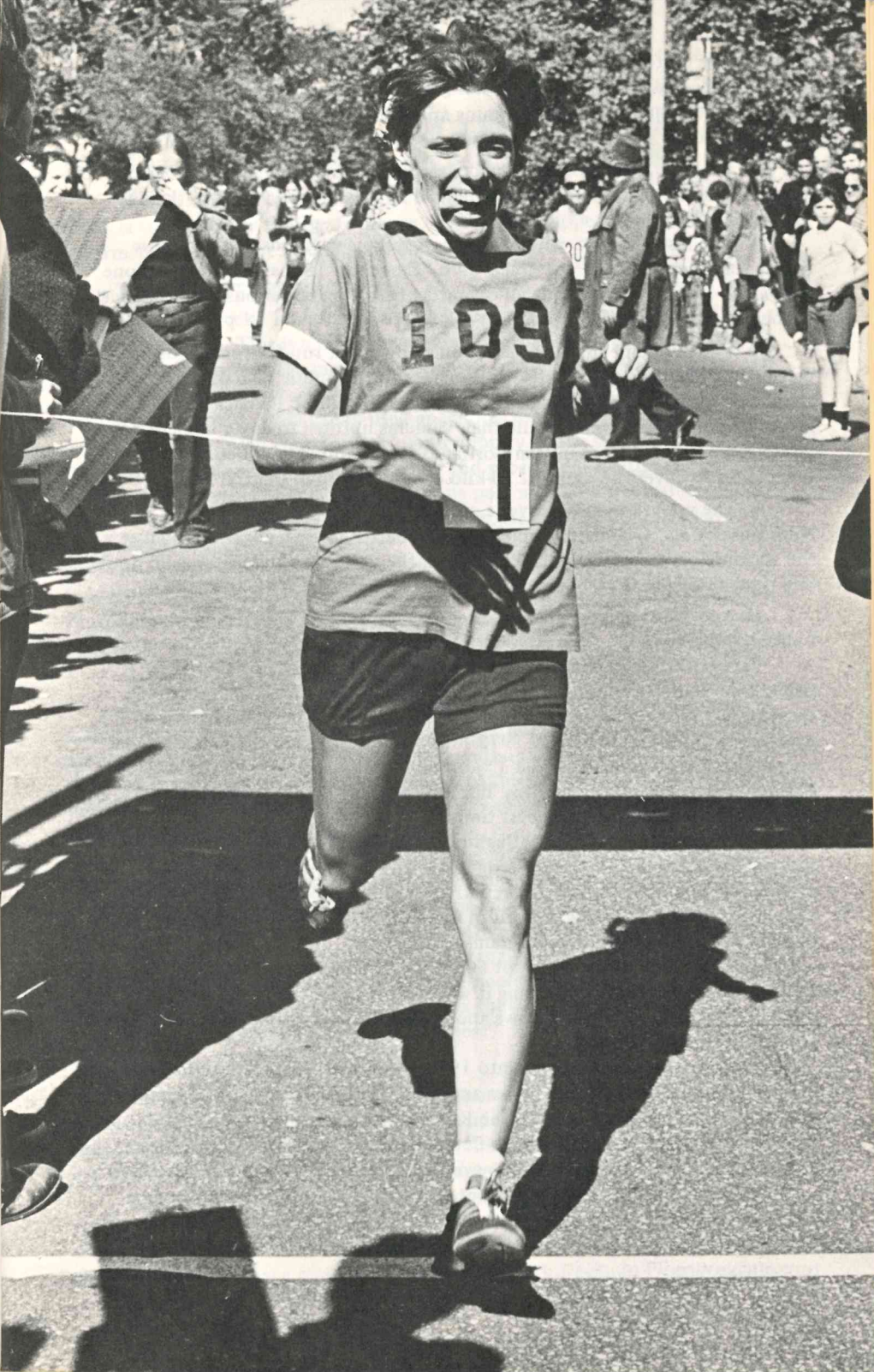
- The New York City Department of Parks and Recreation, which began by sponsoring the marathon, is now all excited about long distance running. It sees the sport as a major feature in their efforts to get more New Yorkers taking advantage of Central Park's recreation facilities. Our races are now routinely listed on the department's annual schedule of events, and included in specials such as New York City's Aware Week.

- Recreation Commissioner Joseph Halper himself is newly keen on running. Among other things, he sent a stiff protest to the AAU about unequal treatment given to women runners by the AAU at the 1972 marathon. He said bluntly that he would not tolerate discrimination on his facilities. His protest was probably a key factor in the AAU's finally surrendering on the women's distance issue at the Kansas City convention (women may now run all distances above 2½ miles with men without any special restrictions, providing only that they are separately scored).

- The New York RRC development-run program, now moved to Central Park and a major feature of the Parks Department schedule, is booming. A series of six 6-12-mile runs, it used to pull a dozen die-hards on Sundays. But the first run this winter, a six-miler on Dec. 3, pulled 99 entries. Parks personnel were on hand to run the city's 97th-St. dressing rooms, man the

**Nina Kuscsik started the 1972 New York marathon with a sitdown strike to protest unequal treatment of women. Here's how she ended it—as the first woman finisher. (Steve Sutton photo)**





phone, serve coffee and doughnuts, and a ball was had. Though the race wasn't publicized, New Yorkers strolling or bicycling in the park were drawn to it. So many inquired about running and the RRC that we're considering preparing a little info sheet to hand out.

- Both the marathon and the development runs have given the New York RRC itself a shot in the arm. Membership has jumped to 400, the highest ever, with 200 more expected in 1973.

- The historic park, with its groves, gracious pavilions and zoo, now has its very own Central Park Track Club. Currently 18 members belong, one a woman. Its aim is to provide an operating base for the serious long distance runner who lives and trains in New York City.

- The publicity that the marathon's non-elitist run-for-fun atmosphere gets is surely putting the sport's image across to the public. No other marathon race has the head offices of the major media right in its back yard. TV newsmen who won't even trundle their cameras uptown to cover a major age-group cross-country meet in Van Cortlandt Park happily trundled them the few blocks to cover the national 30-kilo championship in Central Park.

- The marathon also proves a good podium for the sport's issues. When Nina Kuscsik and five other women marathoners staged an angry sitdown at the starting line to protest AAU treatment, the national publicity was no doubt one thing (along with Halper's criticism) that moved the AAU to shape up.

One of the race officials remarked to Lebow, "We have a gold mine in Central Park."

Part of the race's success is due to financial wizardry. At first Fred fished for a company sponsor. But he got disenchanted with this, partly because of the subtle pressures that a company can exert—not always to the race's or the sport's benefit. In 1972 Fred and his team got the idea of financing the race by what they called a "journal"—really a program gone magazine. It would carry ads, stories, photos, info on the sport, and vital statistics on all entrants, including age and best time.

The idea made the race both gloriously independent and gloriously solvent. "The ads rolled in," said Fred. They sold 2000 journals at the race, mailed 500 more, distributed the rest free to runners. When all the race bills were paid, finally there was a profit in the New York RRC bank account, to be plowed back into running programs.

After the marathon, Fred got 60 letters from runners complimenting him on the organizing, most saying it was the best marathon they'd ever attended. (And anybody who knows about mail response knows that over 20% response is not at all bad.)

Fred and his team are now into 1973 planning. The newest money idea: a black-tie fund-raising dinner and dance, to be held in June. Thanks to Parks Department enthusiasm, the RRC will have permission to hold its status-drenched social event right in Central Park, in the beer garden by the zoo. (Being a public facility, it has never been used for such an affair before.)

In fact, about the *only* ingredient that has been missing from the race is big-name runners. Hopefully some will enter in 1973. Says Fred Lebow, a quiet man not given to overstating things: "I am very optimistic about the future of this race."



by *Manfred Steffny*

# MYTHS OF MARATHONING

This article by Manfred Steffny, West German Olympic marathoner in 1972, is translated by George Beinhorn. It originally appeared in "Condition," a German magazine for veteran long distance runners.

## THE FIRST MARATHON

The first Greek "marathon" was run on April 10, 1896, as part of the Athens Olympics. This is a fact. Everything that has been reported about the "historical" run of the messenger from the battlefield at Marathon to Athens to announce the victory over the Persians belongs in the realm of legend.

The historians of that time used anecdotes to dress up their pictures of history. The historian Herodotus, a contemporary of the battle of 490 B.C., reported nothing about a messenger's run and subsequent death. Herodotus was an adept storyteller and a conscientious portrayer of historical occurrences. If Pheidippides had made his ill-fated run, Herodotus wouldn't have withheld this fact from the Greeks.

Plutarch brought up the legend of the marathon runner 560 years later. It apparently served him as decoration, and as an improved story-telling transition from the battlefield into the cosmopolitan city of Athens and its reaction to the victory. The historians of antiquity were, after all, story-tellers...

## THE MARATHON DISTANCE

Even the present distance of 26 miles 385 yards (or 42.195 kilometers) is not correct. From the fishing village of Marathon to the city center of Athens is about 38 kilometers. The present marathon course from Marathon to Athens begins in Marathon, then angles off to the left after about five kilometers to pass the graves of 192 fallen Greeks of 490 B.C. This it must do to cover the distance required today.

The distance of 42.195 kilometers originated by chance. From 1896 to 1908, the distance varied. In 1908, an English princess wanted to watch the start from her window in Windsor Castle, then view the finish from her loge seat in the stadium. Her wish was the Olympic organizers' command. Later the London course was taken as the standard for future runs. For the lengthened distance—from 40 to 42.195 kilometers—all marathon runners since can thank this princess. Curses during the last couple of kilometers may thus be directed to "Her Royal Highness"...

## THE TOUGHEST EVENT

Solely the hoopla surrounding marathon running is responsible for the marathon distance being considered the ultimate of all endurance running. Besides the compulsory image of a deadly "historical" messenger's run, there are several factors that contributed to this prejudice.

The Olympic-organizers always irrationally scheduled this long distance run for mid-day. The participants were often poorly prepared, usually running the marathon as a second event. But this concept of the marathon as the most strenuous race really became a dogma with Dorando Pietri's collapse

in 1908, while leading the Olympic marathon just before the finish. This photograph went around the world. It is one of the most-published sports photos of all time.

It was not the marathon run that felled Dorando. He was *doped* and therefore collapsed. Only on his dying bed did the Italian who was pitied by a whole generation of athletes admit his unfairness.

Certainly more strenuous than marathon runs are stage races in bicycling and singles-canoeing races of 10,000 meters. On a similar level are rowing (especially in eight-man and four-man shells, with a high stroke rate) and long distance swimming. The stress load in marathon running is more distributed—organically immense, to be sure, but muscularly below average.

## THE TRAINING LOAD

Previously, marathon running was the sport of most intensive training, alongside bicycle road racing. Now the demands of all sports have risen tremendously, and the marathon runner can't keep pace. Three hours a day is enough running even for world class marathoners. Compared to other sports, this has become less impressive. Six to eight hours daily are demanded of world class gymnasts; likewise figure skaters. The best swimmers train four to five hours. The list could easily be continued. Because of modern strength training—dispensable, if not damaging, for marathon runners—even middle distance runners may train more than marathon runners. The martyr's schedules of weight lifters, decathletes, hammer throwers and shot putters are scary for the marathon runner who pleasantly runs 30 kilometers at steady pace.

## "HORSE'S DEATH" TO LEGS?

This classical remark of Paavo Nurmi's trainer can likewise be laid to rest. Sufficient preparation and modern running shoes have turned back the danger of injury in marathon running to a considerable degree. Another factor is the turning away from interval training with its untold pounding stress. It's like this today: many runners who've been injured on the track are turning to road running, where their legs just don't hurt so much. The running invalids of our day and age are reporting from the camp of sprinters and decathletes. Marathon running style is orthopedically healthier than, for example, the triple jump or football.

## THE AUTOMATION GAP

That marathon runners are wondered at by society lies less in the runner's achievement than in the gigantic distance separating overcivilized man from distance running. To make it clear to himself how far 42.195 kilometers is the average citizen first calculates how long it would take to drive this distance. Then he compares this time with that of the marathon runner, and finds the difference rather small. The marathoner is "astonishing." The runner ought not to bask in the aura of this astonishment, but should contribute to the destruction of the myth and try to inspire as many people as he can to run themselves. As long as the general public travels to the mailbox in their autos, diseases of civilization will continue to increase rapidly. Where people still live like our grandfathers—as for example in Ethiopia—and where they cover great distances just to go to work, often falling into a run for the sake of simplicity, in those countries the marathon is something natural. Long distance runs are the true sport of the people there. Here at home,



though, the marathon runner must not let himself be stamped “outsider.”

## MARATHON RUNNERS, THE IDEALISTS?

One meets this opinion at every turn. It is just as far off as calling marathon runners “masochists.” People jump, run, swim and climb Mount Everest not because of idealism but to pacify their personal ambition, to still their lust for adventure, to wake up a feeling of happiness, to discover themselves or discover comrades. So much garbage has been pawned off in the name of idealism that a person should defend himself against being called an idealist just because he occasionally covers 42.195 kilometers in competition. Presumptuous in his judgments of others and intolerant is, on the other hand, the person who calls himself an idealist.

## WHAT IS MARATHON RUNNING?

A very normal sport compared with billiards, bobsledding, sailing and fencing. Being a bit more strenuous than most other sports, marathoning is played up sensationally, false values are propped up for it, and its inner worth is often overlooked. It is a sport with its own laws, demanding a special mentality—like every other sport. That’s all.



Races start so innocently—with nervous excitement, half-listened-to instructions, laughs and smiles. Moments later, the tension goes, and serious concentration sets in. (Rick Levy photo)

by George Sheehan

# CONFRONTING THE PAIN

Later, after the hot tub had soaked some of the pain out of my legs, I hobbled to the bed and stretched out, enjoying being horizontal. Downstairs, John, our number six son, put it to the rest of the family: "If he's going to feel that bad," he asked, "why does he do it?" Upstairs, I was asking myself the same question.

Why suffer this way? Why run marathons when nine out of 10 of them end in a contest of the human will pushing the human body beyond endurance? This one had been no different. The first 10 miles were a lark. Moving steadily along the coast with that strong south wind at my back was a fine way to spend a Sunday morning in January.

The first hint of disaster came at the turnaround. The 15 mile-an-hour wind, hardly noticed as an ally, became a constant alien presence. Reducing my speed and increasing my effort, it would give me no respite for the next two hours. Still the legs felt fresh, the breathing good and form under control.

Then, as quickly as it takes to write this, the cramps came. They started in both calves, then spread to the thighs, cutting my stride in half and making each step a painful decision. It was ridiculous, I told myself, with seven miles to go, even think of finishing it. No one who knew how I felt right now could expect me to finish.

But I kept going—my progress getting slower and slower as I tested a variety of running forms that might permit movement without torture. Nothing helped, but the thought of quitting gradually receded from my mind. All thought had in fact receded from my mind. When the pain was particularly bad, I would breathe, "Oh, God,"—more a statement than a prayer. And I took to counting my steps. Counting by ones seemed the highest mental activity I could perform. It also reassured me that I was moving and would after 4500 or thereabout steps arrive at the finish.

Three hours and forty-five minutes after it started in ecstasy, the agony ended.

The marathon, I thought as I lay there feeling warmer and healthier by the minute, is just not my race. True, I had not trained adequately for this one. I had not run over 10 miles in one stretch since April and the last Boston. It was foolish to expect a good one on that amount of work. In the old days maybe, but now with age coming on and the desire dying, it might be best to let the marathon go.

There were times in the beginning when the marathon, any marathon, seemed an impossible dream, when any race over five miles was beyond my imagination. My goals were more immediate (a five-minute mile) and practical (physical fitness).

Subtly, insidiously, running became much more. It became, as exercise did for Oliver Alden, George Santayana's "Last Puritan," a necessity. "To go a single day without two hours of rigorous outdoor exercise," wrote Santayana, "was now out of the question. It would have meant physical restless-

ness and discomfort indoors and the most horrible sensual moodiness in the inner man.”

For Alden, the two hours of sculling or horseback riding brought him into genuine communication with nature such as he never found either in religion and poetry. And it was able to run him for the moment, Santayana declared, into the gladdest, most perfect and yet the most dependent of people.

Couldn't that "escape, that wordless religion" be enough? Why get into 26-mile runs with the certainty of bone-weary fatigue and the possibility of the inner ignominy of walking to the finish line? Wasn't the marathon equivalent to Alden's Puritan Ethic from which he only escaped when rowing on the Charles or galloping his horse on a brisk New England day? Another mindless duty, another needless challenge, another unwanted privilege.

Downstairs on the TV, Kareem Jabbar was not looking to escape. He had engaged Wilt Chamberlain in hand-to-hand combat and was revealing what Charley Yelverton once said was the principle of being an athlete—"the principle that makes you dig your guts out no matter what kind of game you're in."

I still didn't know. "You can very well afford to dangle about enjoying the fresh air and admiring the sunset," the captain of the Harvard crew had told Alden, "but we've got to train. We're not in the crew to have a good time, but to win the Yale race."

But perhaps you could have both. Perhaps what I needed was more marathons, not less. Perhaps I needed the pain, the torture, the indescribable fatigue of a marathon in February and another in March.

Then Boston in April would be a breeze, another of those daily afternoon runs when you know who you are and where you're going. And I would come to the finish as I would come to my back door, warm and relaxed, still strong and full from running, enjoying the fresh air and admiring the sunset.

Now where was that February entry blank?



## Chapter II

# Opportunities Everywhere



Marathons are for everyone. The entire Epstein family from New York City runs them—including 54-year-old Marion, shown here in Central Park. (Steve Sutton)

# 1973 MARATHON CALENDAR

There are at least 120 choices of marathons to run in 1973. We say "at least" because there are sure to be many new ones added during the year. And this number includes only those races scheduled for the US. By crossing the border to Canada, runners can add to their list of choices.

This is sure to be the highest total of races ever. The final tally for last year reached a record 124 marathons, but 24 of those were added to the schedule after the Handbook was published. That always happens. Before this year is out, we could top 150.

These are the totals of races run in the US the past five years (\*=scheduled for '73):

1968—38	1971—102
1969—44	1972—124
1970—73	1973—120*

The list for this year will change (watch Runner's World each month for current information), but this is the data we had through mid-December. Race directors supplied it.

Note that exact dates of some races weren't known when this booklet went to press. They are listed with probable month and a "?".

"Certified" courses are those approved by the national AAU as being the accurate distance. These are the ones that had been approved or were pending approval at the time of the AAU convention in late November.

"Loop" courses follow a non-repeating circuit, starting and finishing at the same place. "Lap" courses repeat a particular circuit. "Out-and-back" courses return to the finish the same way they had gone out. "Point-to-point" courses start at one place and finish at another.

Because of our tight deadline schedule, parts of this booklet had to be at the printer in mid-December. This is one of the parts. Results of most December races are in the supplement at the back of the booklet.

The rest of the information should be self-explanatory.

We advise that you write or call the race director (whose address is listed) well in advance of the race. Most marathons have entry deadlines, and pertinent information often changes without notice.

Even if you get this booklet too late to make this year's races, remember that most of the events are annual—and are held about the same time each year. Keep the Handbook handy for next year.

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**ALL-AMERICAN** (3rd annual), Pittsburgh, Pennsylvania (South Park), June (?). Course: uncertified, out-back, one steep hill 1½ blocks long; record 2:37:39 (Marc Peuron '72). 1972 results: 15 finished, 5 under 3:00, 8 under 3:30, 14 under 4:00; won by Marc Peuron 2:37:39. Contact: C.A. Herman, 5001 Lougean Ave., Pittsburgh, Pa. 15207.

**AAU JUNIOR** (new in 1973), Atlantic City, N.J., 28 October (noon). Course:

Entry information: open only to runners 19 and under. See Road Runners' Club race for details.

**AAU MASTERS (6th annual), San Diego, California (Mission Bay Park), 8 July.** Course: certified, 2 laps, flat; record: 2:17:45 (Doug Schmenk '72); 1972 results: 60 finished, 16 under 3:00, 46 under 3:30, 55 under 4:00; won by Graham Parnell 2:33:06. Entry information: over-40 only. Contact: Ken Bernard, Box 10512, San Diego, Calif. 92110.

**AAU NATIONAL CHAMPIONSHIP, Burlingame, California (Burlingame High School), 17 June.** Course: certified, 5+ laps, flat, business and residential areas; record: 2:18:05.6 (Don Kardong '72); 1972 results: 140 finished, 10 under 2:30, 64 under 3:00, 111 under 3:30, 131 under 4:00; won by Edmund Norris 2:24:42.8. Contact: West Valley Track Club, P.O. Box 1551, San Mateo, Calif. 94405 (415) 342-3181.

**AMERICAN NATIONAL (6th annual), Galveston, Texas, 17 November.**

Course: certified, point-to-point, flat, ocean-front; record: 2:30:29 (Leonard Hilton '72); 1972 results: 120 finished, 15 under 3:00, 44 under 3:30, 100 under 4:00; won by Leonard Hilton 2:30:29. Contact: Gerrit Hoogenboezem, P.O. Box 2052, Galveston, Texas 77550.

**ANDREW JACKSON (2nd annual), Jackson, Tennessee, 29 September (7 a. m.).** Course: certified, 2 laps, rolling; record: 2:41:31 (Mark Bauman '72); 1972 results: 19 finished, 5 under 3:00, 13 under 3:30, 18 under 4:00; won by Mark Bauman 2:41:31. Entry information: open, \$2.00 fee. Contact: Burt Parker, YMCA, P.O. Box 3264, Jackson, Tenn. 38301.

**ARIZONA ADMISSIONS DAY (5th annual), Tucson, Arizona, 10 February (9 a.m.).** Course: uncertified, out-and-back, relatively flat; record: 2:26:42 (Jerry Jobski '71); 1972 results: 86 finished, 1 under 2:30, 12 under 3:00, 55 under 3:30; won by Jose Cortez 2:29:35. Entry information: open, \$2.00 fee. Contact: J. McGee Evans, 400 N. Second Ave., Tucson, Ariz. 85713.

**ATHENS (7th annual), Athens, Ohio, 4 March (noon).** Course: uncertified, out-and-back, mostly flat; record: 2:25:12 (Vic Nelson '70), 1972 results: 56 finished, 22 under 3:00, 37 under 3:30, 52 under 4:00; won by Doug Carder 2:30:43.4. Entry information: age 16-up, \$2.00 fee. Contact: Ellsworth Holden, 26 Northwood Dr., Athens, Ohio 45701 (614) 593-5685.

**AVENUE OF THE GIANTS (2nd annual), Weott, California, 6 May (9 a.m.).** Course: certified, out-and-back, fairly flat, 90% shaded in redwood grove; record: 2:26:03 (Ritchie Geisel '72); 1972 results: 25 finished, 3 under 2:30, 12 under 3:00, 20 under 3:30, 25 under 4:00; won by Ritchie Geisel 2:26:03. Entry information: open, \$2.00 fee. Contact: Dick Meyer, Route 1, Box 153A, Eureka, Calif. 95501.

**BAY STATE (3rd annual), Framingham, Massachusetts, October 28 (tentative, 11 a.m.).** Course: uncertified, 5 laps, moderately hilly; record: 2:27:21 (Ralph Thomas '72); 1972 results: 79 finished, 2 under 2:30, 30 under 3:00, 65 under 3:30, 78 under 4:00; won by Ralph Thomas 2:27:21. Contact: Director - YMCA, 280 Old Connecticut Path, Framingham, Mass. 01701.

**BIRCH BAY (5th annual), Blaine, Washington, 14 April (noon).** Course:



certified, 2½ out, 2 x 10.6 miles, 2½ back, 2 long hills/lap; record: 2:26:26.8 (Jim Pearson '72); results: 71 finished, 2 under 2:30, 25 under 3:00, 41 under 3:30, 56 under 4:00; won by Jim Pearson 2:26:26.8. Entry information: open, \$2.00 fee. Contact: Jim Pearson, 521 17th St., Bellingham, Wash. 98225 398-7442.

**BOSTON ATHLETIC ASSOCIATION (77th annual), Hopkinton-Boston, Massachusetts, 16 April (noon).** Course: certified, point-to-point, hills 16-21 miles, finish 480 ft. lower than start; record: 2:10:30 (Ron Hill '70); 1972 results: 991 finished, 39 under 2:30, 302 under 3:00, 718 under 3:30, 910 under 4:00; won by Olavi Suomalainen 2:15:39. Entry information: 19 and over, 3:30 marathon or 2:30 20-mi., 1:35 15-mi. in last year; \$2.00 fee. Contact: Will Cloney, Boston Garden, North Station, Boston, Mass. 02114.

**BOSTON QUALIFIER (4th annual), Ithaca, N.Y. (Barton Hall), 18 March (1 p.m. (25 March in case of snow)).** Course: uncertified, loop, rolling hills (800' of climbing); record: 2:38:57.6 (Jim Andrews '72); 1972 results: 27 finished, 9 under 3:00, 23 under 3:30, 27 under 4:00; won by Jim Andrews 2:38:57.6. Entry information: open, \$2.00 fee. Contact: James Hartshorne, 108 Kay St., Ithaca, N.Y. 14850 (607) 257-0426.

**CANTON (4th annual), (formerly "AMOCO"), Freeburg-Canton, Ohio, 6 October (1 p.m.).** Course: certified, point-to-point, relatively flat; record: 2:22:44 (Carl Hatfield '71); 1972 results: 125 finished, 12 under 3:00, 30 under 3:30, 104 under 4:00; won by Wayne Vaughn 2:36:28. Entry information: open, \$3.00 fee. Contact: Marathon Committee (Tom White), Downtown YMCA, 405 2nd St. N.W., Canton, Ohio 44702 456-7141.

**CHAMPAGNE (formerly "NAPA"), Napa, California, 30 September.** Course: uncertified, loop, flat, through vineyard country; record: 2:25:26 (John Butterfield '72); 1972 results: 69 finished, 1 under 2:30, 29 under 3:00, 51 under 3:30, 64 under 4:00; won by John Butterfield 2:25:26. Contact: Jim Engle, 1801 McKinley, Napa, Calif. 94558.

**CHAMPLAIN VALLEY (3rd annual), Rouses Point-Plattsburgh, New York, 12 May.** Course: certification pending, point-to-point, flat, along Lake Champlain; record: 2:36:37 (Ralph Thomas '72); 1972 results: 54 finished, 4 under 3:00, 21 under 3:30, 30 under 4:00; won by Ralph Thomas 2:36:37. Contact: Race Chairman, YMCA, 13 Oak Street, Plattsburgh, N.Y. 12901.

**CHENEY (2nd annual), Cheney, Washington, 24 November (11 a.m.).** Course: uncertified, circuit, mostly flat; record: 2:39:30 (Terry Heath '72); 1972 results: 6 finished, 1 under 3:00, 5 under 3:30; won by Terry Heath 2:39:30. Entry information: open, \$2.00 fee. Contact: Richard Redman, 418 Cocolalla, Cheney, Wash. 99004.

**CIRCLE-K/KIWANIS (3rd annual), Paul Smiths-Lake Placid, New York, 29 September (11 a.m.).** Course: uncertified, point-to-point, very hilly; record: 2:42:55 (Kevin Kraszeski '72); 1972 results: 14 finished, 3 under 3:00, 8 under 3:30, 11 under 4:00; won by Kevin Kraszeski 2:42:55. Entry information: age 17-up, \$4.00 fee. Contact: Ray McIntyre, 8 Colden Ave., Lake Placid, N.Y. (518) 523-2369.

**CITY OF LOS ANGELES (new in 1973), Los Angeles, California (Elysian Park), 3 March.** Course: uncertified, (no other details available); record: new in '73. Entry information: open, \$2.00 fee (\$3.00 late). Contact: L.A. City Recreation & Parks Dept., 3401 Riverside Dr., Los Angeles, Calif. 90027. (213) 666-4644.

**CONNECTICUT AUU (2nd annual), Middletown, Connecticut, 4 March (noon).** Course: certification pending, 2 laps, hilly; record: 2:19:05.6 (John Vitale '72); 1972 results: 65 finished, 1 under 2:30, 26 under 3:00, 50 under 3:30, 61 under 4:00; won by John Vitale 2:19:05.6. Entry information: age 18-up, \$1.00 fee. Contact: Bernie O'Rourke, Director of Recreation, Municipal Bldg., Middletown, Conn. 06457.

**COVERED BRIDGE (4th annual), Winterset-Indianola, Iowa, October (?).** Course: uncertified, point-to-point, first 2/3 hilly, last third flat; record: 2:32:44 (Loren Moes '72); 1972 results: 22 finished, 8 under 3:00, 17 under 3:30, 22 under 4:00; won by Loren Moes 2:32:44. Contact: Bob Kaldenberg, R.R. 1, Box 73A, St. Charles, Ia. 50240.

**DEERFIELD BEACH (4th annual), Deerfield Beach, Florida, 21 December (1 p.m.).** Course: uncertified, out-and-back, flat; record: 2:48 (Dennis Skelton '71); results: (see supplement in back of booklet). Entry information: open, \$1.00 fee. Contact: Bill Boynton, Deerfield Beach H.S., Deerfield Beach, Fla. 33441. (305) 390-2080.

**DRAKE RELAYS (5th annual), Des Moines, Iowa (State Capitol), 28 April (9:15 a.m.).** Course: uncertified, circuit, rolling to hilly; record: 2:22:13 (Lucian Rosa '72); results: 89 finished, 5 under 2:30, 47 under 3:00, 74 under 3:30, 89 under 4:00; won by Lucien Rosa 2:22:13. Entry information: age 19-up w/marathon experience, no fee. Contact: Robert Ehrhardt, Director, Drake Relays, Drake University, Des Moines, Iowa 50311.

**DURALEIGH (7th annual), Durham-Raleigh, North Carolina, 20 January (11 a.m.).** Course: certified, point-to-point, rolling; record: 2:23:32 (Gareth Hayes '72); 1972 results: 12 finished, 3 under 2:30, 11 under 3:30, 13 under 4:00; won by Gareth Hayes 2:23:32. Entry information: open, \$2.00 fee. Contact: Mike Shea, Carmichael Gym, North Carolina State Univ., Raleigh, N.C. 27607.

**EARTH DAY (3rd annual), New York, New York (Central Park), 18 March.** Course: certified, 2.2 and 4 x 6-mile laps, no auto traffic; record: 2:22:54.2 (Norm Higgins '71); 1972 results: 147 finished, 1 under 2:30, 45 under 3:00, 102 under 3:30, 140 under 4:00; won by Tom Hollander 2:23:17.6. Contact: Barry Geisler, 1134 Findley Ave., Bronx, N.Y. 10456.

**EQUINOX (11th annual), Fairbanks, Alaska (U. of Alaska), 22 September (8 a.m.).** Course: uncertified, out-and-back, rugged trails, 2000-foot elevation change; record: 2:59:01 (Chris Haines '70); 1972 results: 135 finished, 6 under 3:30, 28 under 4:00, 52 under 4:30; won by Michael Fairchild 3:05:15. Entry information: age 10-up, \$2.00 fee. Contact: Marathon Coordinator, Dept. of P.E., University of Alaska, Fairbanks, Alaska 99701.

**EVERGREEN (3rd), Pullman, Washington, 6 May.** Course: uncertified, 3 separate out-back loops, one hill; record: 2:33:45 (Dan Murphy '71); re-1972 results: (not held in '72). Contact: Jim Dunne, P.O. Box 133, Pullman, Washington 99163.

**FIESTA BOWL (3rd annual), Cave Creek-Scottsdale, Arizona, 22 December (tentative, 9 a.m.).** Course: certified, point-to-point, 8 miles rolling, then flat; record: 2:23:33.8 (Pete Span '71); 1972 results: (see supplement in back of booklet). Contact: Tom Harris, Phoenix YMCA, 350 N. 1st Ave., Phoenix, Arizona 85003.

**FINGER LAKES MARATHON (4th annual), Ithaca-Marathon, New York (Ellis Hollow Rd.), 7 October (12:30).** Course: uncertified, point-to-point, asphalt, hills in middle and near end, 1600 feet of climbing; record: 2:33:54 (Bill Hopkins '71); 1972 results: 33 finished, 4 under 3:00, 24 under 3:30, 31 under 4:00; won by Tim Welles 2:47:46. Entry information: open, \$2.00 fee. Contact: James Hartshorne, 108 Kay St., Ithaca, N.Y. 14850 (607) 257-0426.

**FIRST TRUST (4th annual), Liverpool, New York, May 20 (10 a.m.).** Course: certified, loop, rolling hills; record: 2:24:42.8 (Edmund Norris '72); 1972 results: 140 finished, 10 under 2:30, 64 under 3:00, 11 under 3:30, 131 under 4:00; won by Edmund Norris 2:24:42.8. Contact: Mel Soltnik, 401 South Main St., North Syracuse, N.Y. 13212. (313) 458-3331.

**FLORIDA RELAYS (2nd annual), Gainesville, Florida (U. of Fla.), 31 March (8:30 a.m.).** Course: uncertified, out-and-back, mostly flat; record: (short course in '72); 1972 results: 39 finished, 5 under 2:30, 19 under 3:00, 34 under 3:30, 39 under 4:00; won by Ken Misner 2:18:39. Entry information: open, \$1.00 fee. Contact: Jimmy Carnes, Track Coach, University of Florida, Gainesville, Fla. 32601 (904) 392-0673.

**FREEDOM (5th annual), Monticello, Illinois (Allerton Park), 1 July.** Course: uncertified, 2 x 9-mile, 2 x 4-mile laps, rolling hills, 60% shaded; Record: 2:33:47 (Peter Stipe '71); 1972 results: 82 finished, 23 under 3:00, 61 under 3:30, 78 under 4:00; won by Phil Davis 2:36:32. Contact: Stephen Goldberg, College of Law, University of Illinois, Champaign, Ill. 61820.

**GARY BROWN MEMORIAL (6th annual), Canton, Missouri (Culver-Stockton College), April (?).** Course: uncertified, very hilly; record: 2:45:52 (Jim McFadden '72); 1972 results: 2 under 3:00, 4 under 3:30; won by Jim McFadden 2:45:52. Contact: Bill Schade, Physical Education Department, Culver-Stockton College, Canton, Mo. 63435.

**GLASS CITY (3rd annual), Toledo, Ohio, June (?).** Course: certification pending, out-and-back, 2 small hills; record: 2:27:06 (Walt Rodriguez '72); 1972 results: 180 finished, 2 under 2:30, 40 under 3:00, 100 under 3:30, 132 under 4:00; won by Walt Rodriguez 2:27:06. Contact: Richard Trame, 2606 Parkwood Ave., Toledo, Ohio 43610.

**GOLD COAST (new in 1973), Boca Raton, Florida (St. Andrew's School), 18 February (1 p.m.).** Course: uncertified, through and around school, flat. Entry information: open, \$3.00 fee. Contact: Ray Russell, 2506 N.E. 8th St., Ft. Lauderdale, Fla. 33304.



**GOLDEN GATE (4th annual), Tiburon-San Francisco, California, May (?).** Course: uncertified, point-to-point, 2-mile hill at 21 miles, crosses Golden Gate Bridge; record: 2:31:37 (Richard Delgado '71); 1972 results: 170 finished, 31 under 3:00, 93 under 3:30, 149 under 4:00; won by Marton Pabon 2:33:35. Contact: Richard Perry, 2406 Buena Vista, Belmont, Calif. 94002.

**GOVERNOR'S (7th annual), Mexicali, Mexico (Casa de la Juventud), 1 January (11 a.m.).** Course: streets of Mexicali; record: 2:27:36 (Bulmaro Holguin '67); 1972 results: 39 runners, 4 under 3:00; won by Mike McCormick 2:38:28. Entry information: open, no fee. Contact: Salvador Roque Leos, Casa de la Juventud, Mexicali, B.C., Mexico. Phone: 5-12-30.

**GRAND VALLEY (4th annual), Grand Rapids, Michigan, November (?).** Course: certification pending, point-to-point, rolling hills; record: 2:34:41 (Barney Hance '72); 1972 results: 47 finished, 14 under 3:00, 32 under 3:30, 43 under 4:00; won by Barney Hance 2:34:41. Contact: Rich Holden, YMCA Physical Director, 33 Library St. N.E., Grand Rapids, Mich. 49502.

**GREEN MOUNTAIN (3rd annual), Burlington, Vermont, 20 October (1 p.m.).** Course: certification pending, out 4 miles, 2 x 8 miles, back 4 miles; record: 2:31:43 (Ralph Thomas '71); 1972 results: 18 finished, 6 under 3:00; won by Keith Woodward 2:41:19. Entry information: open, \$2.00 fee. Contact: Larry Kimball, RFD No. 2, River Rd., Winooski, Vt. 05404 (802) 862-7729.

**GREENS-WINSTON (8th annual), Greensboro to Winston-Salem, North Carolina, 21 August (6 a.m.).** Course: certified, point-to-point, hilly (especially last 5 miles); record: 2:29:50 (Gareth Hayes '72); 1972 results: 17 finished, 1 under 2:30, 6 under 3:00, 11 under 3:30, 13 under 4:00; won by Gareth Hayes 2:29:50. Entry information: open, \$1.00 fee. Contact: Scott Brent, 2725 Brightwood Ct., Winston-Salem, N.C. 27107. (919) 724-5071.

**GROUND HOG DAY (6th annual), Morrilton, Arkansas (Petit Jean Park), 3 February (10:30 a.m.).** Course: certified, 2 laps, rolling hills; record: 2:32:21 (Loren Moes '72); 1972 results: 43 finished, 10 under 3:00, 23 under 3:30, 38 under 4:00; won by Loren Moes 2:32:21. Entry information: open, \$2.00 fee. Contact: Cecil McDermott, Hendrix College, Conway, Ark. 72032. (501) 329-6811.

**HAWAIIAN (16th), Kahului to Kaanapali, Maui, Hawaii, 8 April (8 a.m.).** Course: uncertified, point-to-point, first half rolling, last half flat; record: 3:00:47 (Johnny Faerber '71); 1972 results: 19 finished, 8 under 3:30, 15 under 4:00; won by Henry Montez 3:02:22. Contact: Bob Getzen, Box 214, Hana, Maui, Hawaii 96713.

**HEART OF AMERICA (14th annual), Columbia, Missouri, 3 September (6 a.m.).** Course: certified, out 4 miles, 17-mile loop, back 5 miles, 6 major hills; record: 2:34:07 (Barry Crawford '66); 1972 results: 48 finished, 9 under 3:00, 28 under 3:30, 37 under 4:00; won by Tim Hendricks 2:46:15. Entry information: open, \$2.00 fee. Contact: Joe Duncan, 4004 DeFoe Dr., Columbia, Mo. 65201.

**HEART SECTION (2nd annual), Pittsburg, Kansas, March (?).** Course: un-

certified, (no other information available); record: 2:38:09 (Hank Brame '72); 1972 results: 12 finished, 5 under 3:00, 11 under 3:30, 12 under 4:00; won by Hank Brame 2:38:09. Contact: David Suenram, Dept. HPER, Kansas State College, Pittsburg, Kans. 66662.

**HINSDALE CENTRAL (5th annual), Hinsdale, Illinois (Hinsdale Central H. S.), 24 November (11 a.m.).** Course: uncertified, 2 laps 10.516 miles, 1 lap 4.494 miles, .692 at start, rolling; record: 2:43:45 (Jim Varnau '72); 1972 results: 60 finished, 7 under 3:00, 19 under 3:30, 41 under 4:00; won by Jim Varnau 2:43:45. Entry information: open. Contact: Conrad Truedson, 3305 York Rd., Oak Brook, Ill. 60521. (312) 323-6492.

**HOLIDAY (3rd annual), Pueblo, Colorado, 15 December (10 a.m.).** Course: uncertified, out-and-back, few hills; record: 2:33:29 (Ted Castenada '71); 1972 results: (see supplement in back of booklet). Entry information: open, \$2.00 fee. Contact: Don McMahill, P.O. Box 1190, Pueblo, Colo. 81002. (303) 543-5151.

**HOUSTON (2nd annual), Houston, Texas (Memorial Park), 29 December.** Course: uncertified, 5 laps; record: set in '72 race; 1972 results: (see supplement in back of booklet). Contact: Pete League, 5471 Jackwood St., Houston, Tex. 77035. (713) 665-0732.

**ISLAND (2nd annual), Portland, Oregon (Sauvie Island), November 24 (tentative) (11:00 a.m.).** Course: uncertified, 2 laps, flat, asphalt road; record: 2:25:41 (Jim Pearson '72); 1972 results: 173 finished, 3 under 2:30, 49 under 3:00, 102 under 3:30, 138 under 4:00; won by Jim Pearson 2:25:41. Entry information: 5-hour limit, \$2.00 fee. Contact: Oregon Road Runners Club (Richard Raymond), 2575 N.W. Lovejoy No. 37, Portland, Ore. 97210. (503) 223-6866.

**JERSEY SHORE (2nd annual), Asbury Park, New Jersey, 21 January (11 a.m.).** Course: certified, out-and-back, flat along oceanfront; record: 2:28:28.8 (Tom Fleming '72); 1972 results: 74 finished, 1 under 2:30, 16 under 3:00, 40 under 3:30, 61 under 4:00; won by Tom Fleming 2:28:28.8. Entry information: open, \$2.00 fee. Contact: Tom Baum, 1307 Ocean Ave., Spring Lake, N.J. 07762. (210) 449-4653.

**KALISPELL (3rd annual), Kalispell, Montana, 1 September.** Course: uncertified, (no other information available); record: 2:46:00.2 (Ed Walkwitz '72); 1972 results: 3 finished, 1 under 3:00, 2 under 3:30, 3 under 4:00; won by Ed Walkwitz 2:46:00.2. Contact: Larry O'Neil, 233 Fifth Ave. East, Kalispell, Mont. 59901.

**KANSAS RELAYS (4th annual), Lawrence, Kansas (Memorial Stadium), 21 April (7 a.m.).** Course: certified ('72), out-and-back, rolling; record: 2:23:07 (Terry Ziegler '72); 1972 results: 50 finished, 3 under 2:30, 21 under 3:00, 34 under 3:30, 45 under 4:00; won by Terry Ziegler 2:23:07. Entry information: 4:00 limit, \$1.00 fee. Contact: Bob Timmons, Track Coach, University of Kansas, Lawrence, Kansas 66044.

**LAND OF LAKES (formerly "CITY OF LAKES") (11th annual), Minneapolis, Minnesota, October (?).** Course: uncertified, (new course in '73, no details available); 1972 results: 19 finished, 6 under 3:00, 13 under 3:30, 18

under 4:00; won by Scott Sundquist 2:37:20. Contact: Pat Lanin, 234 N. Seventh Ave., Hopkins, Minn. 55343.

**LAS VEGAS (7th annual), Las Vegas, Nevada (U. of Nevada), 3 February (9 a.m.).** Course: certified ('72), loop, generally flat, minor hills; record: 2:19:24 (Scott Bringhurst '72); 1972 results: 130 finished, 1 under 2:30, 37 under 3:00, 70 under 3:30, 110 under 4:00; won by Scott Bringhurst 2:19:24. Entry information: open, \$4.00 fee-over 19, \$2.00-18-under. Contact: William Freedman, P.O. Box 869, Suite One Main Plaza, 1 Main St., Las Vegas, Nev. 89101. (702) 384-4611.

**LINN TECH (4th annual), Linn-Jefferson City, Missouri, 20 October (10 a.m.).** Course: uncertified, point-to-point, paved and dirt roads, very hilly; record: 2:29:58 (Jim McFadden '70); 1972 results: not received. Entry information: age 15-up, 50 cents fee. Contact: James Symmonds, Linn Technical College, Linn, Mo. 65051. (314) 897-3603.

**LONGEST DAY (4th annual), Brookings, South Dakota, 17 June (7 a.m.).** Course: certified, circuit, mostly flat, gentle hills; record: 2:37:23.6 (Hal Higdon '72); 1972 results: 22 finished, 7 under 3:00, 15 under 3:30, 20 under 4:00; won by Hal Higdon 2:37:23.6. Entry information: open, \$2.00 fee. Contact: Jay Dirksen, Track Office, SDSU, Dept. HPER, Brookings, S. D. 57006.

**MACKINAW TRAILS (2nd annual), Saginaw, Michigan, 9 June (6:30 a.m.).** Course: uncertified, loop, first half hilly, last half flat; record: 2:29:02.2 (Martins Ande '72); 1972 results: 69 finished, 1 under 2:30, 5 under 3:00, 25 under 3:30, 38 under 4:00; won by Martins Ande 2:29:02.2. Entry information: open, \$2.50 fee (\$3.00 after June 1). Contact: Mackinaw Trails Marathon, 2790 Ashton Dr., Saginaw, Mich. 48602. (517) 792-7155.

**MADERA (6th annual), Madera, California, 15 December (10 a.m.).** Course: uncertified, 2 laps flat; record: 2:26:11 (Skip Houk '72); 1972 results: 23 finished, 1 under 2:30, 8 under 3:00, 16 under 3:30, 19 under 4:00; won by Skip Houk 2:26:11. Entry information: open, \$1.00 fee. Contact: Dee DeWitt, Track Coach, Madera High School, Madera, Calif. 93637.

**MARATHON (2nd annual), Terre Haute, Indiana, 23 June (6 or 7 a.m.).** Course: uncertified, point-to-point, 10½ miles out-and-back in middle; record: 2:34:19 (Charles Warthan '72); 1972 results: 41 finished, 10 under 3:00, 30 under 3:30, 41 under 4:00; won by Charles Warthan 2:34:19.8. Entry information: open, no fee. Contact: Pierre Burke, 1624 N. 3rd St., Terre Haute, Ind. 47804. (812) 235-3251.

**MARDI GRAS (11th annual), New Orleans, Louisiana, 27 January (8 a.m.).** Course: certified, out-and-back, flat; record: 2:26:40.6 (Jack Bacheler '72); 1972 results: 38 finished, 1 under 2:30, 7 under 3:00, 24 under 3:30; won by Jack Bacheler 2:26:40.6. Contact: Dick Cochran, 1329 Melody Dr., Metairie, La. 70002.

**MARYLAND (new in 1973), Baltimore, Maryland, 24 November.** Course: no details available. Contact: Marathon Commission, 610 N. Howard St., 4th floor, Baltimore, Md. 21201. 383-4040.

**MAYFAIR (new in 1973), Milwaukee, Wisconsin (Mayfair shopping center),**



**10 June (8 a.m.).** Course: uncertified, 2 laps, relatively flat. Entry information: \$2.00 fee. Contact: G. Roger Bodart, Mayfair Associates, Inc., 2500 N. Mayfair Rd., Milwaukee, Wisc. 53226.

**MELBOURNE (3rd annual), Melbourne, Florida (Wickham Park), 28 December (8 a.m.).** Course: uncertified, flat, grass and bike paths; record: 2:44:45 (Pat Chester '71); 1972 results: (see supplement in back of booklet). Entry information: age 12-up, \$1.00 fee. Contact: Frank Craig, 761 Thomas Barbour Dr., Melbourne, Fla. 32935.

**MEMORIAL DAY (formerly "ROSEBURG T.C.") (2nd annual), Roseburg, Oregon (V.A. Hospital), 28 May (10 a.m.).** Course: uncertified, 3 laps, 1 hill (124 feet elevation change); record: new course in '73; 1972 results: 12 finished, 1 under 3:00, 6 under 3:30, 10 under 4:00; won by Field Ryan 2:56:56. Entry information: open, \$1.00 fee. Contact: Stanley Stafford, 744 S.E. Rose St., Roseburg, Ore. 97470. (503) 672-5426.

**MIDWEST RRC INDOOR (3rd annual), Chicago, Illinois (UC Fieldhouse), 28 January (tentative, 6 p.m.).** Course: certified, 220-yard unbanked clay track; record: 2:35:52 (Ken Young '72); 1972 results: 7 finished, 4 under 3:00, 6 under 3:30, 7 under 4:00; won by Ken Young, 2:35:52. Entry information: top 20 entrants, \$2.00 fee. Contact: Ken Young, c/o Ted Haydon, Track Coach, University of Chicago, Chicago, Ill. 60632.

**MILE-HIGH (10th annual), Denver, Colorado (Washington Park), May (?).** Course: certified, 2-mile laps, flat, 5300 feet elevation; record: 2:28:56.6 (Flyd Godwin '67); 1972 results: 12 under 3:00, 39 under 3:30; won by Tom Berger 2:34:45. Contact: Alan Curiff, 424 S. Clarkson, Denver, Colo. 80209.

**MISSION BAY (9th annual), San Diego, California (Mission Bay Park) 13 January.** Course: certified, 2 laps, flat; record: 2:17:45 (Doug Schmenk '72); 1972 results: 249 finished, 7 under 2:30, 70 under 3:00, 149 under 3:30, 210 under 4:00; won by Doug Schmenk 2:17:45. Entry information: open, \$2.00. Contact: Bill Gookin, P.O. Box 1124, San Diego, Calif. 92112.

**MONROE (6th annual), Monroe, Ohio, 21 October.** Course: uncertified, out-and-back twice, rolling hills; record: 2:34:07 (Brian Sobczak '71); 1972 results: 32 finished, 8 under 3:00, 20 under 3:30, 25 under 4:00; won by Roger Rouiller 2:39:11. Contact: Wayne Yarcho, Box 162, Dabel Station, Dayton, Ohio 45420.

**MOTOR CITY 911th annual), Detroit, Michigan (Belle Isle), October (?).** Course: certified, 5 x 5.3-mile laps, flat; record: 2:12:00 (Jerome Drayton '69); 1972 results: 80 finished, 5 under 2:30, 35 under 3:00, 62 under 3:30, 76 under 4:00; won by Brian Armstrong 2:18:46. Contact: A. James Menlove, 4860 Cooley Lake Rd., Milford, Mich. 48042.

**MOUNTAIN (6th annual), Boone-Grandfather Mt., North Carolina, 14 July (11 a.m.).** Course: certified, point-to-point, very hilly, 3333 to 4200 feet; record: 2:52:11 (Phil Sparling '71); 1972 results: 17 finished, 4 under 3:30, 10 under 4:00; won by Charles Payne 3:04:02. Entry information: open, \$1.00 fee. Contact: George Phillips, 3100 Briarcliffe Rd., Winston-Salem, North Carolina 27106. (919) 723-8170.

**MOUNTAIN (4th annual), Tacoma, Washington, 24 March (11 a.m.).** Course: uncertified, circuit, hills at 10, 13, 22, 23 miles; record: 2:31:01.6 (Larry Miller '72); 1972 results: 21 finished, 11 under 3:00, 14 under 3:30, 19 under 4:00; won by Larry Miller 2:31:01.6. Entry information: open, \$1.00 fee. Contact: Carl Glatze, P.O. Box 804, Steilacoom, Wash. 98388. (206) 584-1134.

**NAIA CHAMPIONSHIP (2nd annual), Billings, Montana, June (?).** Course: certified, no other details available; record: 2:26:21 (Doug Brown '72); 1972 results: 9 finished, 5 under 3:00; won by Wayne Frongello 2:41:13.4. Entry information: NAIA-eligible collegians only. Contact: NAIA, 106 W. 12th St., Kansas City, Mo. 64105.

**NEW YORK (4th annual), New York, New York (Central Park), 30 September (11 a.m.)** Course: certified, 2.2-mile and 4 x 6-mile loops, rolling, no auto traffic; record: 2:22:54.2 (Norm Higgins '71); 1972 results: 185 finished, 1 under 2:30, 42 under 3:00, 117 under 3:30, 169 under 4:00; won by Sheldon Karlin 2:27:52.8. Entry information: open, \$2.00 fee. Contact: Fred Lebow, 226 E. 53rd St., New York, N.Y. 10022.

**NORTH CENTRAL (7th annual), Naperville, Illinois, 1 December (11 a.m.).** Course: uncertified, out-and-back twice, rolling; record: 2:32:04.2 (Ken Young '72); results: 120 finished, 32 under 3:00, 80 under 3:30, 108 under 4:00; won by Ken Young 2:32:04.2. Entry information: open, \$2.00 fee. Contact: Robert Schrader, 127 N. Center St., Naperville, Ill. 60540. (312) 355-1954.

**NORTH TEXAS (2nd annual), Denton, Texas (NTSU), 27 January (9 a.m.).** Course: uncertified, out-and-back, rolling country roads; record: (short course in '72); 1972 results: 46 finished, 2 under 2:30, 21 under 3:00, 35 under 3:30, 43 under 4:00; won by Tom Hess 2:21:27. Entry information: open, \$3.00 fee. Contact: John McKenzie, NTSU, Box 13917, Denton, Tex. 76203. (817) 788-2508.

**OCEAN TO BAY (11th annual), Half Moon Bay-Belmont, California, August (?).** Course: uncertified, point-to-point, to 2000 feet in first 10 miles, another major hill at 19 miles; record: 2:27:58.8 (Tom Hale '72); 1972 results: 84 finished, 1 under 2:30, 16 under 3:00, 43 under 3:30, 63 under 4:00; won by Tom Hale 2:27:58.8. Contact: Richard Perry, 2406 Buena Vista, Belmont, Calif. 94002.

**ODESSA (2nd annual), Odessa, Texas (Nimitz Jr. High), 8 December (9 a.m.).** Course: uncertified, out-and-back, flat, asphalt; record: 2:39:37 (Mike Pinochi '72); 1972 results: 27 started, 3 under 3:00. Entry information: open, \$2.00 fee, \$3.00 after 72 hrs. before race. Contact: Jack Petty, 907 W. 2nd St., Odessa, Tex. 79763.

**OIL CAPITAL (3rd annual), Tulsa, Oklahoma (Mohawk Park), 24 March (9 a.m.).** Course: certified ('71), 3.1-mile laps, flat; record: 2:24:37.8 (Larry Blancett '72); 1972 results: 50 finished, 1 under 2:30, 10 under 3:00, 28 under 3:30, 42 under 4:00; won by Larry Blancett 2:24:37.8. Entry information: open, \$2.00 fee. Contact: Larry Aduddell, 1849 N. Louisville, Tulsa, Okla. 74115. (918) 936-1849.

**OLYMPIAD MEMORIAL** (new in 1973), St. Louis, Missouri, 4 March.

Course: same as 1904 Olympics, no other details available. Contact: Bob Salisbury, 1528 Locust, St. Louis, Mo. 63103. (314) 436-4100.

**OREGON TRACK CLUB-NIKE** (formerly "ALL-COMERS"), (3rd annual), Eugene, Oregon, 7 October. Course: certified, no other details available; record: 2:28:11 (Jon Anderson and Steve Savage '72); 1972 results: 32 finished, 2 under 2:30, 9 under 3:00; won by Jon Anderson and Steve Savage 2:25:11. Contact: Geoff Hollister, 855 Olive St., Eugene, Ore. 97401.

**PPAAVO NURMI** (5th annual), Upson-Hurley, Wisconsin (Olympia Sport Village), August (?). Course: uncertified, point-to-point, rolling hills; record: 2:23:43 (Bruce Mortenson '71); 1972 results: 215 finished, 33 under 3:00, 101 under 3:30, 177 under 4:00; won by Norm Patenaude 2:35:01. Contact: Hurley Chamber of Commerce, Hurley, Wisc. 54534.

**PACIFIC AAU, Petaluma, California (Petaluma High School), December (?)**. Course: certified, loop, rolling hills; record: 2:23:44 (Jon Anderson '71); 1972 results: (see supplement in back of booklet). Contact: Richard Perry, 2406 Buena Vista, Belmont, Calif. 94002.

**PALOS VERDES** (7th annual), Palos Verdes Estates, California, 9 June (8 a. m.). Course: certification pending, point-to-point, rolling hills; record: 2:25:23.2 (Ron Kurrle '72); 494 finished in 1972. Entry information: open, \$3.00 fee (\$5.00 after 2 June). Contact: Terry Wallace, P.O. Box 153, Palos Verdes Estates, Calif. 90274.

**PEACH BOWL** (11th annual), Atlanta, Georgia (Westminster School), 29 December (noon). Course: uncertified, 2 laps, hilly; record: 2:16:18 (Neil Cusack '71); 1972 results: (see supplement in back of booklet). Entry information: open, \$2.00/\$3.00 late. Contact: Tim Singleton, Dean of Men, Georgia State Univ., Atlanta, Ga. 30303.

**PHILADELPHIA** (3rd annual), Philadelphia, Pennsylvania, 25 November. Course: certified, 3 laps, sidewalk, flat except 1 short steep hill per lap; record: 2:23:46.2 (Herb Lorenz '71); 1972 results: (not received). Entry information: open, \$2.00 fee. Contact: Tom Sander, 515 W. Godfrey Ave., Philadelphia, Pa. 19126.

**PIKE'S PEAK** (18th annual), Manitou Springs, Colorado, 12 August (7:30 a. m.). Course: uncertified, out-and-back, mountain trail, 7539 feet to 14,110 and back; record: 3:39:47 (Steve Gachupin '68); 1972 results: 40 finished, 1 under 4:00, 6 under 4:30, 12 under 5:00, 26 under 6:00; won by Chuck Smead 3:44:21. Entry information: open, \$2.00 fee. Contact: Rudy Fahl, 2400 W. Colorado, Colorado Springs, Colo. 80904.

**PIONEER** (4th annual), Big Mountain-Salt Lake City, Utah, July (?). Course: uncertified, point-to-point, starts at 7420 feet, finishes at 4400; record: 2:30:47 (Edwin Gookin '71); 1972 results: 66 finished, 8 under 3:00, 28 under 3:30, 50 under 4:00; won by Darryl Beardall 2:44:25. Contact: Desert News Pioneer Marathon, P.O. Box 1257, Salt Lake City, Utah 84110.

**PLODDERS'** 98th annual), Brockton, Massachusetts, 27 May (2 p.m.). Course: certified, 4 laps, flat; record: 2:42:32 (Joe Frontierro '71); 1972 results: 37 finished, 3 under 3:00, 16 under 3:30, 26 under 4:00; won by



William Deering 2:48:30. Entry information: age 18-up; \$2.00 fee. Contact William Hansbury, 218 Main St., Avon, Mass. 588-3475.

**POLICE OLYMPICS (7th annual), Los Angeles, California (L.A. Police Academy), 8 July (7 a.m.).** Course: uncertified, out-and-back, mostly flat; record: new course in '73; 1972 results: 23½-mile race; won by Ken Scalmini 2:23:45. Entry information: Calif. police officers, \$15 fee. Contact: Bob Burke, 1800 N. Academy Dr., Los Angeles, Calif. 90012. 485-3151.

**PORTALES (2nd annual), Portales, New Mexico, February (?) (8 a.m.).** Course: uncertified, out-and-back, flat; record: 2:29:59 (Charles Harris '72); 1972 results: 73 finished, 1 under 2:30, 9 under 3:00, 23 under 3:30, 37 under 4:00; won by Charles Harris 2:29:59. Entry information: open, \$2.00 fee. Contact: Bill Silverberg, P.E. Dept., ENMU, Portales, N.M. 88130. (505) 562-2974.

**PUERTO RICAN-HISPANIC (3rd annual), New York, New York (Central Park), Aug. (?).** Course: certified, 2.2-mile lap, 4 x 6-mile, rolling hills, no auto traffic; record: 2:22:54.2 (Norm Higgins '71); 1972 results: 53 finished, 1 under 2:30, 12 under 3:00, 29 under 3:30, 42 under 4:00; won by Tom Fleming 2:29:33. Contact: Kurt Steiner, 1660 E. 21st St., Brooklyn, N.Y. 11210.

**QUINCY (3rd annual), Quincy, Illinois (South Park), August (?).** Course: certified, 4.3-mile laps, nearly flat; record: 2:46:41.2 (Brian Walsh '71); 1972 results: 19 finished, 1 under 3:00, 5 under 3:30, 10 under 4:00; won by Jim McFadden 2:53:58.4. Contact: Steve Goers, 2501 Katherine Rd., Quincy, Ill. 62301.

**RACE OF CHAMPIONS (12 annual), Holyoke, Massachusetts, 10 June (1 p.m.).** Course: certified, figure-8, very hilly; record: 2:38:14 (Tom Derderian '72); 1972 results: 46 finished, 10 under 3:00, 27 under 3:30, 34 under 4:00; won by Tom Derderian 2:38:14. Entry information: age-18 up only, no fee. Contact: Walter Childs, P.O. Box 1484, Springfield, Mass. 01100.

**REDWOOD EMPIRE (3rd annual), Arcata, California, 4 August.** Course: uncertified, rolling hills; record: 2:24:59.6 (Bill Scobey '71); 1972 results: 32 finished, 3 under 3:00; won by Romero Mendoza 2:44:50. Contact: Jim Hunt, Track Coach, California State University, Arcata, Calif. 95521.

**REGATTA DAY (3rd annual), Barryville, New York, 5 August (10 a.m.).** Course: certified, out-and-back twice, rolling, country roads. record: 2:48:17 (Steve Nowacki '72); 1972 results: 15 finished, 1 under 3:00, 3 under 3:30; won by Steve Nowacki 2:48:17. Entry information: open, \$1.00 advance, \$2.00 post fee. Contact: William Kroohs, Barryville, N.Y. 12719. (914) 956-8839.

**RESURRECTION PASS TRAIL (3rd annual), Hope, Alaska, 4 August (10 a.m.).** Course: certification pending, out-and-back, forest trail, 1500-foot climb; record: 2:45:44 (Gene Morgan '72); 1972 results: 36 finished, 2 under 3:00, 5 under 3:30, 12 under 4:00; won by Gene Morgan 2:45:44. Entry information: open, \$2.00 fee. Contact: John Trent, 1700 Tudor Rd., Anchorage, Alaska 99507.

**ROAD RUNNER (5th annual), Gage, Oklahoma, 19 May.** Course: certified, out-and-back, mostly flat; record: 2:29:59 (Terry Ziegler '71); 1972 results: 19 finished, 2 under 3:00, 8 under 3:30, 15 under 4:00; won by Larry Adudell 2:41:30. Contact: John Froage, Gage, Okla. 73843.

**ROAD RUNNERS CLUB AND AAU JUNIOR CHAMPIONSHIP (14th annual), Atlantic City, New Jersey, 28 October (noon).** Course: certified, out-and-back three times, flat; record: 2:24:42.4 (Bob Scharf '67); 1972 results: 62 finished, 21 under 3:00, 50 under 3:30, 62 under 4:00; won by Pat Bastick 2:31:44.4. Entry information: age 17-up, 4:00 limit, \$1.00 fee; Junior championship for runners 19-under. Contact: Ed League, P.O. Box 732, Atlantic City, N.J. 08404. 345-8821.

**ROCHESTER (2nd annual), Rochester, New York (Downtown YMCA), 3 September (10 a.m.).** Course: certified, loop, flat except hills between 10-15 miles; record: 2:36:11.6 (Gerald Teal '72); 1972 results: 45 finished, 11 under 3:00, 32 under 3:30, 40 under 4:00; won by Gerald Teal 2:36:11.6. Entry information: open, \$2.00 fee. Contact: Don Balsamo, 156 Lafayette Parkway, Rochester, N.Y. 14625. (716) 381-9246.

**SAHARA TAHOE (new in 1973), Stateline, Nevada, 11 July (10:30 a.m.).** Course: uncertified, point-to-point, rolling hills, 6000 feet elevation. Entry information: 4:00 & faster, \$2.00 fee. Contact: Kiou Jalayer, Sierra Tahoe Hotel, P.O. Box C, Stateline, Nev. 89449. (702) 588-6211.

**SAN MARTIN (2nd annual), San Martin, California, 24 March (8 a.m.).** Course: certified ('72), circuit, rolling country roads; record: 2:41:17.6 (Bob Barker '72); 1972 results: 20 finished, 5 under 3:00, 11 under 3:30, 17 under 4:00; won by Bob Barker 2:41:17.6. Entry information: open, \$1.50 fee. Contact: William Flodberg, 12925 Foothill Ave., San Martin, Calif.

**SAN MIGUEL (2nd annual), Agana, Guam, 7 April.** Course: certified, out-and-back, moderately flat, uphill (and into wind) out, down back; record: 3:24:37 (Lee Stewart '72); 1972 results: 7 finished, 1 under 3:30; won by Lee Stewart 3:24:37. Entry information: open. Contact: Joe Lawton, University of Guam, Box EK, Agana, Guam 96910.

**SANTA BARBARA (9th annual), Santa Barbara, California, 14 October (7:30 a.m.).** Course: uncertified, out-and-back, rolling streets; record: 2:32:56 (Eddie Cadena '72); 1972 results: 98 finished, 19 under 3:00, 56 under 3:30, 77 under 4:00; won by Eddie Cadena 2:32:57. Entry information: open, \$1.00 fee/3:30+ runners start 1 hour early. Contact: John Brennand, 4476 Meadowlark Ln., Santa Barbara, Calif. 93105. (805) 964-2591.

**SEATTLE (4th annual), Seattle, Washington (Seward Park), 25 November (11 a.m.).** Course: uncertified, out-and-back twice, flat; record: 2:25:55 (Wolf Schamberger '72); 1972 results: (not received). Entry information: open, \$2.00 fee. Contact: Guy Renfro, 22855 30th Ave. S., Apt. 8, Des Moines, Wash. 98188.

**SENIOR SPORTS INTERNATIONAL (4th annual), Culver City, California, 17 June (8 a.m.).** Course: uncertified, 4 laps, nearly flat; record: 2:42:47 (Orville Atkins '72); 1972 results: 18 finished, 2 under 3:00, 12 under 3:30, 17 under 4:00; won by Orville Atkins 2:42:47. Entry information: age 25-

up only, \$5.00 fee. Contact: Senior Sports Int'l., Inc., Mutual of Omaha, Suite 302, 5225 Wilshire Blvd., Los Angeles, Calif. 90036.

**SPOKANE (2nd annual), Spokane, Washington, 8 September (9 a.m.).**

Course: certified, out-and-back, flat; record: 2:35:02 (Gary Bryan '72); 1972 results: 2 under 3:00; won by Gary Bryan 2:35:02. Entry information: open, \$2.00 fee. Contact: Ken Hendrix, 51621 McDonald, Opportunity, Wash. 99216. (509) 926-9236.

**SPOKANE EXPO (new in 1973), Spokane, Washington, May (?) (11 a.m.).**

Course: certified, out-and-back, flat; record: 2:35:02. Entry information: open, \$2.00 fee. Contact: Ken Hendrix, 51621 McDonald, Opportunity, Wash. 99216. (509) 926-9236.

**TOLEDO, Toledo, Ohio, March (?).** Course: certification pending, out-and-back, 2 small hills; record: 2:25:39 (John Garza '72); 1972 results: won by John Garza 2:25:39, no other results received. Contact: Richard Trame, 2606 Parkwood Ave., Toledo, Ohio 43610.

**TOPEKA (2nd annual), Topeka, Kansas, December (?).** No further information available. Contact: Arne Richards, 1430 Fairchild, Manhattan, Kansas 66502.

**TOUR OF ALBUQUERQUE (4th annual), Albuquerque, New Mexico, September (?).** Course: uncertified, 2 laps, flat, 5000 feet elevation; record: 2:27:16 (Charles Harris '71); 1972 results: 16 finished, 3 under 3:00, 8 under 3:30, 14 under 4:00; won by Blair Johnson 2:41:45. Contact: Charles Harris, 2205 Ambassador N.E., Apt. 133, Albuquerque, N.M. 87112.

**TRAIL'S END (4th annual), Seaside, Oregon, 24 February (11:30 a.m.).**

Course: uncertified, loop, mostly flat; record: revised course in '73; 1972 results: 346 finished, 5 under 2:30, 79 under 3:00, 163 under 3:30, 237 under 4:00; won by Russ Pate 2:23:00. Entry information: open, \$3.00 fee. Contact: Seaside Chamber of Commerce, P.O. Box 7, Seaside, Oregon 97138. 738-6391.

**TRI-STATES (8th annual), White Cloud, Kansas-Falls City, Nebraska, 21**

**October (8 a.m.).** Course: uncertified, point-to-point, passes through 3 states, hills after 9 miles; record: 2:26:25 (Greg Carlberg '71); 1972 results: 53 finished, 2 under 2:30, 20 under 3:00, 40 under 3:30, 47 under 4:00; won by Terry Ziegler 2:26:40. Entry information: open, \$2.00 fee. Contact: Louis Fritz, Verdon, Nebr. 68457.

**USTFF (NATIONAL CHAMPIONSHIP) (5th annual), Wichita, Kansas, 2**

**June (7 a.m.).** Course: uncertified, mostly flat; record: 2:27:27 (Terry Ziegler '72); 1972 results: 33 finished, 1 under 2:30, 14 under 3:00, 21 under 3:30, 27 under 4:00; won by Terry Ziegler 2:27:27. Entry information: H.S. and older, \$1.50 fee. Contact: Herm Wilson, Track Coach, P.O. Box 8084, Wichita State Univ., Wichita, Kansas 67208.

**USTFF MIDWEST (new in 1973), Detroit, Michigan (Belle Isle), 10 March.**

Course: certified, 5 laps, flat, asphalt; record: 2:12:00 (Jerome Drayton '69). Contact: Carl Cooper, P.O. Box 190, Tucson, Ariz. 85702.

**UNIVERSITY OF NORTHERN IOWA (new in 1973), Cedar Falls, Iowa, 8**



**April (noon).** Course: uncertified, flat, through state parks; record: new course. Entry information: open. Contact: Jack Jennett, Track Coach, Univ. of Northern Iowa, Cedar Falls, Ia. 50613.

**WASHINGTON'S BIRTHDAY (12th annual), Beltsville, Maryland (Nat'l. Agricultural Research Center), 18 February (1 p.m.).** Course: certified, 3 laps, mostly flat; record: 2:30:52.6 (Marshall Adams '72); 1972 results: 104 finished, 26 under 3:00, 75 under 3:30, 93 under 4:00; won by Marshall Adams 2:30:52.6. Entry information: open, \$2.00 fee. Contact: William Mish, 5615 Duchaine Dr., Lanham, Md. 20801.

**WESTERN HEMISPHERE (26th annual), Culver City, California, 2 December (8 a.m.).** Course: certified, 6-mile laps at start and end, out-and-back, 14-mile loop in between, mostly flat; record: 2:15:21 (Bill Scobey '71); 1972 results: (see supplement in back of booklet). Entry information: open, \$2.00 fee. Contact: Carl Porter, 4117 Overland Ave., Culver City Recreation Dept., Culver City, Calif. 90230.

**WEST VALLEY (3rd annual), Burlingame, California (Burlingame H.S.), 11 February (9 a.m.).** Course: certified, 5-mile-laps, flat; record: 2:18:05.6 (Don Kardong '72); 1972 results: 165 finished, 12 under 2:30, 51 under 3:00, 103 under 3:30, 142 under 4:00; won by Don Kardong 2:18:05.6. Entry information: open, \$2.00 fee. Contact: West Valley Track Club, P.O. Box 1551, San Mateo, Calif. 94402. (415) 342-3181.

**WHITE ROCK (3rd annual), Dallas, Texas (White Rock Lake), 3 March (noon).** Course: certified, 2 laps, flat; record: 2:23:18 (Paul Hoffmann '72); 1972 results: 144 runners, 3 under 2:30, 20 under 3:00; won by Paul Hoffmann 2:23:18. Entry information: open, \$3.00 fee. Contact: Talmage Morrison, Cross-Country Club of Dallas, P.O. Box 34464, Dallas, Tex. 75234.

**WHITewater (6th annual), Whitewater, Wisconsin, 1 July.** Course: certified, 15-mile loop, 4-mile, and repeated portions, rolling hills; record: 2:28:30 (Jim Vedder '70); 1972 results: 47 finished, 10 under 3:00, 27 under 3:30, 37 under 4:00; won by Jim Drews 2:37:05. Contact: Rex Foster, Route 4, Whitewater, Wisc. 53190.

**WINDY (4th annual), Indianapolis, Indiana (Eagle Creek Park), 10 March (noon).** Course: uncertified, out-and-back and loop, asphalt country roads, rolling-hilly; record: 2:29:18 (John Lesch '71); 1972 results: 43 finished, 17 under 3:00, 29 under 3:30, 42 under 4:00; won by Chuck Koeppen 2:30:53.4. Entry information: open, \$2.00 fee. Contact: Carl Carey, 406 Murphy Ln., Brownsburg, Ind. 46112. (317) 852-3359.

**WORLD MASTERS (3rd annual), Orange, California (Chapman College), 28 January (7:30 a.m.).** Course: uncertified, nearly flat; record: new course in '73; 1972 results: 164 finished, 3 under 2:30, 30 under 3:00, 80 under 3:30, 135 under 4:00; won by Dave White 2:17:15 (145 yards short). Entry information: open, \$3.00 fee. Contact: Bill Selvin, P.O. Box 5694, Orange, Calif. 92667.

**YONKERS, Yonkers, New York, 20 May.** Course: certified, no other details available; record: 2:29:42.8 (Max White '72); 1972 results: 87 finished, 1 under 2:30, 24 under 3:00, 54 under 3:30, 78 under 4:00; won by Max







White 2:29:42.8. Contact: Bob Reinertsen, East Yonkers P.O. Box 20, Yonkers, N.Y. 10704.

## CANADA

**ALBERTA (5th annual), Calgary, Alberta, April (?).** Course: no details available; record: 2:33:04 (Morris Aarbo '72); 1972 results: 18 finished, 9 under 3:00, 17 under 3:30, 18 under 4:00; won by Morris Aarbo 2:33:04. Contact: Lawrence King, 816 Canna Cres., Calgary, Alberta, Canada.

**BOARDWALK (7th annual), Toronto, Ontario, September (?).** Course: out-and-back, flat; record: 2:30:23 (John Cliff '72); 1972 results: 20 finished, 5 under 3:00, 16 under 3:30, 20 under 4:00; won by John Cliff 2:30:23. Contact: John Dovaston, 135 Parkhome Ave., Willowdale, Ontario, Canada.

**CANADA DAY & EASTERN CANADIAN (3rd annual), Toronto, Ontario (Guilwood Village), 1 July (7:30 a.m.).** Course: figure-8 (4 x 6-mile), flat, residential area; record: 2:37:47 (Lorne Buck '72); 1972 results: 20 finished, 6 under 3:00, 13 under 3:30, 18 under 4:00; won by Lorne Buck 2:37:47. Entry information: open, \$1.00 fee (\$2.00 after June 20). Contact: Lorne Buck, 19 Avonmore Sq., Scarborough, Ontario, Canada. 266-3762.

**CANADIAN CHAMPIONSHIP, Newfoundland, June or July (?).** Course: no details available; 1972 results: 40 finished, 3 under 2:30, 23 under 3:00, 30 under 3:30; 37 under 4:00; won by Jerome Drayton 2:23:13 (long course). Contact: Norman Patenaude, Laurentian Track Club, Laurentian University, Sudbury, Ontario, Canada.

**LIONS GATE ROAD RUNNERS INTERNATIONAL (2nd annual), Vancouver, B.C. (Stanley Park), 26 May (7:30 a.m.).** Course: uncertified, 5 x 5.2-mile loop, rolling, asphalt; record: 2:24:08 (Tom Howard '72); 1972 results: 51 started, 12 under 2:40; won by Tom Howard 2:24:08. Entry information: open, \$2.00 fee. Contact: Jack Taunton, No. 604-1330 Harwood St., Vancouver 5, B.C., Canada.

**NOVA SCOTIA (5th annual), Shelburne, N.S., September (?).** Course: no details available; record: 2:46:37 (Randy Barkhouse '72); 1972 results: 2 under 3:00, 6 under 3:30; won by Randy Barkhouse 2:46:37. Contact: Ron Jefferson, School for Boys, Shelburne, Nova Scotia, Canada.

**OKTOBERFEST (2nd annual), Waterloo, Ontario, 6 October (1 p.m.).** Course: out 7 miles, 12-mile loop, back 7, rolling; record: Doug Scorrar 2:27:04 ('72); 1972 results: 20 finished, 2 under 2:30, 11 under 3:00, 16 under 3:30, 20 under 4:00; won by Doug Scorrar 2:27:04. Entry information: open, \$2.00 fee. Contact: W. Attwell, c/o Suntract Rentals Ltd., 394 Weber St. N., Waterloo, Ontario, Canada.

**POLICE GAMES (6th annual), Toronto, Ontario, 21 July.** Course: out-and-back; record: 2:30:48 (Gerry Teal '71); 1972 results: no results received. Contact: Deke McBrien, Metropolitan Police Headquarters, 590 Jarvis, Toronto, Ontario, Canada.

**TOM LONGBOAT MEMORIAL, Brantford, Ontario, May (?).** Course: loop, no other details available; 1972 results: not received. Contact: Brantford

T & F Club, P.O. Box 1172, Brantford, Ontario, Canada.

**WESTERN CANADIAN**, Calgary, Alberta, June (?). Course: no details available; record: 2:31:29 (Bob Hamilton '72); 1972 results: 13 finished, 6 under 3:00, 10 under 3:30, 12 under 4:00; won by Bob Hamilton 2:31:29. Contact: Lawrence King, 816 Canna Cres., Calgary, Alberta, Canada.

## MARATHON DATES

The post-Olympic year doesn't have any meets like the European or Commonwealth championships, or the Pan-American Games. But there are still plenty of international marathons. Most of them are invitational races, and have stiff qualifying standards. Roger Gynn compiled the international list. The addresses are the national track associations in the country where the race is held. "?" indicates the date was in question when this booklet was published.

### MAJOR INTERNATIONALS

**4 February** Beppu—Kyoto, Japan

(Nihon Rikujo-Kyogi Renmei, 21 Ginnancho, Shibuya-Ku, Tokyo, Japan)

**1 April** Turku, Finland

(Suomen Urheiluliitto Ry, Box 25202, Helsinki, Finland)

**6 April** Classic—Marathon-Athens, Greece

(Assn. Hellenique d'Athletisme Amateur (SEGAS), 25 Panepistimiou St., Athens, Greece)

**15 May** Karl-Marx-Stadt, East Germany

(Deutscher Verband fur Leichtathletik der DDR, 1005 Berlin, Storkower Strasse 118, East Germany)

**19 May** Ankara, Turkey

(BTG Md. Atletizm Federasyonu, Ankara, Turkey)

**19 May** Maasliis, Netherlands

(Koninklyke Nederlandsche Athletick-Unie, Nachtegaalstraat 67, Utrecht, Netherlands)

**? June** Maxol—Manchester, England

(British Amateur Athletic Board, 26 Park Crescent, London W1N, 4BQ, England)

**9 June** Naerum, Denmark

(Dansk Athletik Forbund, Vester Volgade Nr. 11, 1552 Copenhagen V, Denmark)

**17 June** Debno, Poland

(Polski Zwiazek Lekkiej Athletyki, Warsaw, U. Foksal 19, Poland)

**7 July** Rotterdam, Netherlands

(Koninklyk Nederlandsche Athletick-Unie, Nachtegaalstraat 67, Utrecht, Netherlands)

**15 July** Dublin, Ireland

(Bord Luthcleas Na H'Eireann, Moran's Hotel, Talbot St., Dublin 1, Ireland)

**21 July** Szeged, Hungary

(Magyar Atletikai Szovetseg, Budapest XIV, Istvanmezei-Ut 5, Hungary)

## 1 September Enschede, Netherlands

(Koninklijke Nederlandsche Athletiek-Unie, Nachtegaalstraat 67, Utrecht, Netherlands)

## 15 September Berchem, Belgium

(Ligue Royale Belge d'Athletisme, 61-63 Rue de Marche-Aux-Herbes, Bruxelles, Belgium)

## 7 October Kosice, Czechoslovakia

(Czechoslovak Athletic Section, Na Porici 12, Prague 1, Czechoslovakia)

## 22 October Novi Sad, Yugoslavia

(Federation Yougoslave d'Athletisme, Belgrade, Str. Bana 73a, Yugoslavia)

## 27 October British AAA—Welwyn Garden City

(British Amateur Athletic Board, 26 Park Crescent, London W1N, 4BQ, England)

## 28 October Budapest, Hungary

(Magyar Athletikai Szovetseg, Budapest XIV, Istvanmezei-Ut 5, Hungary)

## 2 December Fukuoka, Japan

(Nihon Rikujo-Kyogi Renmei, 25 Ginnancho, Shibuya-Ku, Tokyo, Japan)

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## UNITED STATES

### JANUARY

- 1 Governor's, Mexicali, Mexico  
(near San Diego, Calif.)  
13 Mission Bay, San Diego, Calif.  
20 Duraleigh, Raleigh, N.C.  
21 Jersey Shore, Asbury Park, N.J.  
27 Mardi Gras, New Orleans, La.  
27 North Texas, Denton, Texas  
28 Midwest RRC, Chicago, Ill.  
28 World Masters, Orange, Calif.

### FEBRUARY

- 3 Ground Hog, Morrilton, Ark.  
3 Las Vegas, Nev.  
10 Admissions Day, Tucson, Ariz.  
11 West Valley, Burlingame, Calif.  
18 Gold Coast, Boca Raton, Fla.  
18 Washington's Birthday, Beltsville, Md.  
24 Trail's End, Seaside, Ore.  
? Portales, N.M.

### MARCH

- 3 City of Los Angeles, Calif.  
3 White Rock, Dallas, Tex.  
4 Athens, Ohio  
4 Connecticut AAU, Middletown  
4 Olympiad Memorial, St. Louis  
10 USTFF Midwest, Detroit, Mich.  
10 Windy, Indianapolis, Ind.  
18 Boston Qualifier, Ithaca, N.Y.  
18 Earth Day, New York, N.Y.  
24 Mountain, Tacoma, Wash.

- 24 Oil Capital, Tulsa, Okla.  
24 San Martin, Calif.  
31 Florida Relays, Gainesville, Fla.  
? Heart Section, Pittsburg, Kans.  
? Toledo, Ohio

### APRIL

- 7 San Miguel, Agana, Guam  
8 Northern Iowa, Cedar Falls, Ia.  
8 Hawaiian, Kahului-Kaanapali  
14 Birch Bay, Blaine, Wash.  
16 Boston AA, Boston, Mass.  
21 Kansas Relays, Lawrence, Kans.  
28 Drake Relays, Des Moines, Iowa  
? Gary Brown, Canton, Mo.

### MAY

- 6 Ave. of Giants, Weott, Calif.  
6 Evergreen, Pullman, Wash.  
12 Champlain Valley, Plattsburg, New York  
19 Road Runner, Gage, Okla.  
20 First Trust, Liverpool, N.Y.  
20 Yonkers, N.Y.  
27 Plodders', Brockton, Mass.  
28 Memorial Day, Roseburg, Ore.  
? Golden Gate, San Francisco  
? Mile-High, Denver, Colo.  
? Spokane Expo, Wash.

### JUNE

- 2 USTFF, Wichita, Kans.  
9 Mackinaw Trails, Saginaw, Mich.  
9 Palos Verdes, Calif.  
10 Mayfair, Milwaukee, Wisc.



- 10 Race of Champs, Holyoke, Mass.
- 17 AAU Champ, Burlingame, Calif.
- 17 Longest Day, Brookings, S.D.
- 17 Senior International, Culver City, Calif.
- 23 Marathon, Terre Haute, Ind.
- ? All-American, Pittsburgh, Pa.
- ? Glass City, Toledo, Ohio
- ? NAIA, Billings, Mont.

### JULY

- 1 Freedom, Monticello, Ill.
- 1 Whitewater, Wisc.
- 8 AAU Masters, San Diego, Calif.
- 8 Police Olympics, Los Angeles
- 11 Sahara Tahoe, Stateline, Nev.
- 14 Mountain, Grandfather Mountain, N.C.
- ? Pioneer, Salt Lake City, Nev.

### AUGUST

- 4 Arcata, Calif.
- 4 Resurrection, Hope, Alaska
- 5 Regatta Day, Barryville, N.Y.
- 12 Pike's Peak, Manitou Springs, Colo.
- 21 Greensboro-Winston Salem, N.C.
- ? Ocean-Bay, Belmont, Calif.
- ? Paavo Nurmi, Hurley, Wisc.
- ? Puerto Rican, New York, N.Y.
- ? Quincy, Ill.

### SEPTEMBER

- 1 Kalispell, Mont.
- 3 Heart of America, Columbia, Mo.
- 3 Rochester, N.Y.
- 8 Spokane, Wash.
- 22 Equinox, Fairbanks, Alaska
- 29 Andrew Jackson, Jackson, Tenn.
- 29 Circle K-Kiwanis, Lake Placid, N.Y.
- 30 New York, N.Y.
- 30 Champagne, Napa, Calif.
- ? Tour of Albuquerque, N.M.

### OCTOBER

- 6 Canton, Ohio
- 7 Finger Lakes, Marathon, N.Y.
- 7 Oregon TC, Eugene, Ore.
- 14 Santa Barbara, Calif.

- 20 Linn Tech, Jefferson City, Mo.
- 20 Green Mountain, Burlington, Vt.
- 21 Monroe, Ohio
- 21 Tri States, Falls City, Nebr.
- 28 Bay State, Framingham, Mass.
- 28 RRC, Atlantic City, N.J.
- ? Covered Bridge, Indianola, Ia.
- ? Land of Lakes, Minneapolis
- ? Motor City, Detroit, Mich.

### NOVEMBER

- 17 American National, Galveston
- 24 Cheney, Wash.
- 24 Hinsdale Central, Hinsdale, Ill.
- 24 Island, Portland, Ore.
- 24 Maryland, Baltimore, Md.
- 25 Philadelphia, Pa.
- 25 Seattle, Wash.
- ? Grand Valley, Grand Rapids, Mi

### DECEMBER

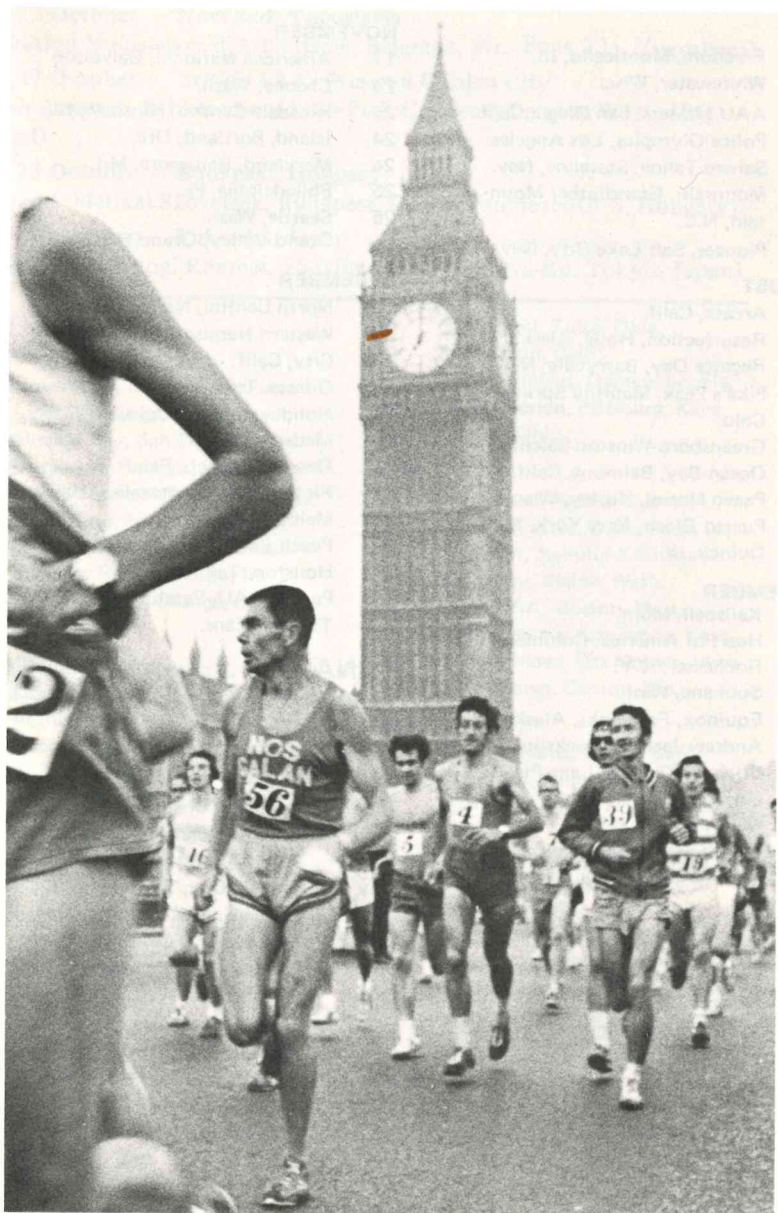
- 1 North Central, Naperville, Ill.
- 2 Western Hemisphere, Culver City, Calif.
- 8 Odessa, Tex.
- 15 Holiday, Pueblo, Colo.
- 15 Madera, Calif.
- 21 Deerfield Beach, Fla.
- 22 Fiesta Bowl, Scottsdale, Ariz.
- 28 Melbourne, Fla.
- 29 Peach Bowl, Atlanta, Ga.
- 29 Houston, Tex.
- ? Pacific AAU, Petaluma, Calif.
- ? Topeka, Kans.

### CANADA

- Apr. ? Alberta, Calgary, Alberta
- May 26 Vancouver, B.C.
- May ? Longboat, Brantford, Ont.
- June ? Western, Calgary, Alberta
- June ? Canadian Championship, Newfoundland (may be in July)
- July 1 Canada Day, Toronto, Ont.
- July 21 Police Games, Toronto
- Sep. ? Boardwalk, Toronto, Ont.
- Sep. ? Nova Scotia, Shelburne
- Oct. 6 Oktoberfest, Waterloo, Ont.

## Chapter III

# The Best of Times



Mark Shearman photo from London.

by Roger Gynn

# ALL-TIME WORLD LIST

Frank Shorter took his rightful place among the marathon legends. He won the Olympics, won the Fukuoka marathon for the second straight year, ran himself to fourth place on the all-time list, and beat the only two men (Derek Clayton and Ron Hill) to have done better than 2:10:30.

For the first time, it takes a mark below 2:15 to make the all-time top 100.

NAME (AGE, NATION)	TIME	SITE	DATE
1. Derek Clayton (26, Aus)	2:08:33.6	Antwerp, Belgium	30 May 69
2. Ron Hill (31, GB)	2:09:28	Edinburgh, Scotland	23 Jul 70
3. Derek Clayton (25)—2	2:09:36.4	Fukuoka, Japan	3 Dec 67
4. Ron Hill (31)—2	2:10:30	Boston, Mass.	20 Apr 70
Frank Shorter (25, US)	2:10:30	Fukuoka, Japan	3 Dec 72
6. Akio Usami (27, Japan)	2:10:37.8	Fukuoka, Japan	6 Dec 70
7. Bill Adcocks (27, GB)	2:10:47.8	Fukuoka, Japan	8 Dec 68
8. Bill Adcocks (27)—2	2:11:07.2	Athens, Greece	6 Apr 69
9. Derek Clayton (29)—3	2:11:08.8	Hobart, Australia	25 Sep 71
10. Eamon O'Reilly (25, US)	2:11:12	Boston, Mass.	20 Apr 70
11. Jerome Drayton (24, Can)	2:11:12.8	Fukuoka, Japan	7 Dec 69
12. Seiichiro Sasaki (22, Japan)	2:11:17	Fukuoka, Japan	3 Dec 67
13. Akio Usami (25)—2	2:11:27.8	Antwerp, Belgium	30 May 69
14. Kenny Moore	2:11:35.8	Fukuoka, Japan	6 Dec 70
15. Ron Hill (31)—3	2:11:54.4	Fukuoka, Japan	7 Dec 69
16. Morio Shigematsu (24, Jpn)	2:12:00	Chiswick, England	12 Jun 65
Jerome Drayton (24)—2	2:12:00	Detroit, Mich.	19 Oct 69
18. John Farrington (30, Aus)	2:12:00.4	Fukuoka, Japan	3 Dec 72
19. Hayami Tanimura (25, Jpn)	2:12:03.4	Fukuoka, Japan	7 Dec 69
20. Jim Alder (30, GB)	2:12:04	Edinburgh, Scotland	23 Jul 70
21. Abebe Bikila (32, Ethiopia)	2:12:11.2	Tokyo, Japan	21 Oct 64
22. Yoshiaki Unetani (26, Jpn)	2:12:12	Fukuoka, Japan	6 Dec 70
23. John Farrington (29)—2	2:12:14	Hobart, Australia	25 Sep 71
24. Bill Adcocks (26)—3	2:12:16.8	Karl-Marx-Stadt, EG	19 May 68
25. Jack Foster (38, NZ)	2:12:17.8	Fukuoka, Japan	6 Dec 70
26. Don Faircloth (21, GB)	2:12:19	Edinburgh, Scotland	23 Jul 70
27. Frank Shorter (24)—2	2:12:19.8	Munich, West Germ.	10 Sep 72
28. Dave McKenzie (24, NZ)	2:12:25.8	Fukuoka, Japan	3 Dec 67
29. Ron Hill (32)—3	2:12:39	Manchester, England	13 Jun 71
30. Yoshiaki Unetani (24)—2	2:12:40.6	Fukuoka, Japan	8 Dec 68
31. Lutz Philipp (31, WG)	2:12:50	Manchester, England	4 Jun 72
32. Frank Shorter (24)—3	2:12:50.4	Fukuoka, Japan	5 Dec 71



33. Ron Hill (33)—4	2:12:51	Manchester, England	4 Jun 72
34. Pablo Garrido (31, Mexico)	2:12:52.8	Fukuoka, Japan	7 Dec 69
35. John Farrington (28)—3	2:12:58.4	Fukuoka, Japan	6 Dec 70
36. Toshiharu Sasaki (23, Jpn)	2:13:06.4	Fukuoka, Japan	7 Dec 69
37. Karel Lismont (22, Bel)	2:13:09	Helsinki, Finland	15 Aug 71
38. Igor Shcherbak (28, SU)	2:13:16.2	Uzhgorod, USSR	29 Apr 72
39. Eckhard Lesse (23, EG)	2:13:19.4	Karl-Marx-Stadt, EG	29 Apr 72
40. Akio Yoshida (24, Japan)	2:13:21	Fukuoka, Japan	7 Dec 96
41. Akio Usami (28)—3	2:13:22.8	Fukuoka, Japan	5 Dec 71
42. Seiichiro Sasaki (22)—2	2:13:23.8	Beppu, Japan	4 Feb 68
43. Kenji Kimihara (28, Japan)	2:13:25.8	Athens, Greece	6 Apr 69
44. Nicolae Mustata (27, Rum)	2:13:26.2	Karl-Marx-Stadt, EG	19 May 68
45. Trevor Wright (24, GB)	2:13:27	Manchester, England	13 Jun 71
46. Kenny Moore (26)—2	2:13:27.8	Fukuoka, Japan	7 Dec 69
47. Bill Adcocks (29)—4	2:13:32	Fukuoka, Japan	6 Dec 70
48. Kenji Kimihara (25)—2	2:13:33.4	Beppu, Japan	5 Feb 67
49. Tadaaki Ueoka (26, Japan)	2:13:37.6	Fukuoka, Japan	8 Dec 68
50. Seiichiro Sasaki (21)—3	2:13:38.6	Beppu, Japan	5 Feb 67
51. Derek Clayton (27)—4	2:13:39	Traralgon, Aus.	6 Jun 70
52. Toru Terasawa (30, Japan)	2:13:41	Chiswick, England	12 Jun 65
53. Ron Hill (30)—6	2:13:42	Manchester, England	20 Jul 69
54. Jack Foster (39)—2	2:13:42.4	Fukuoka, Japan	5 Dec 71
55. Ismail Akcay (26, Turkey)	2:13:43.6	Fukuoka, Japan	8 Dec 68
56. Alastair Wood (33, GB)	2:13:45	Forres, Scotland	9 Jul 66
Akio Usami (27)—4	2:13:45	Manchester, England	23 Aug 70
58. Jurgen Busch (25, EG)	2:13:45.2	Karl-Marx-Stadt, EG	19 May 68
Hayami Tanimura (27)—2	2:13:45.2	Kyoto, Japan	7 Feb 71
60. Bill Adcocks (28)—5	2:13:46	Otsu, Japan	12 Apr 70
Tadaaki Ueoka (28)—2	2:13:46	Fukuoka, Japan	6 Dec 70
62. Akio Usami (24)—5	2:13:49	Otsu, Japan	14 Apr 68
Yoshiaki Unetani (24)—3	2:13:49	Boston, Mass.	21 Apr 69
64. Akio Usami (24)—6	2:13:51.8	Fukuoka, Japan	8 Dec 68
65. Basil Heatley (30, GB)	2:13:55	Chiswick, England	13 Jun 64
66. Vladimir Moseyev (31, SU)	2:13:59	Uzhgorod, USSR	29 Apr 72
67. Trevor Wright (24)—2	2:13:59.6	Helsinki, Finland	15 Aug 71
68. Kenichi Otsuki (Japan)	2:14:00.6	Fukuoka, Japan	3 Dec 72
69. Seppo Nikkari (24, Fin)	2:14:02.8	Fukuoka, Japan	3 Dec 72
70. Jurgen Busch (28)—2	2:14:03	Manchester, England	13 Jun 71
71. Tadaaki Ueoka (26)—3	2:14:03.2	Beppu, Japan	2 Feb 69
72. Mike Ryan (24, NZ)	2:14:04.6	Fukuoka, Japan	27 Nov 66
73. H. Hiroshima (29, Jpn)	2:14:05.2	Fukuoka, Japan	27 Nov 66
74. G. Gauthier (35, France)	2:14:08	Berchem, Belgium	18 Sep 70
75. Dave McKenzie (29)—2	2:14:11.2	Dunedin, New Zeal.	11 Mar 72
76. Ron Hill (25)—8	2:14:12	Chiswick, England	13 Jun 64
77. Jim Alder (27)—2	2:14:14.4	Karl-Marx-Stadt, EG	19 May 68

78. Yoshiaki Unetani (25)—4	2:14:19	Otsu, Japan	12 Apr 70
79. Anatoliy Baranov (32, SU)	2:14:19.6	Novgorod, USSR	9 Jul 72
80. Yoshiaki Unetani (23)—5	2:14:24	Otsu, Japan	14 Apr 68
81. Y. Velikorodnikh (30, SU)	2:14:27	Novgorod, USSR	9 Jul 72
82. Bud Edelen (25, US)	2:14:28	Chiswick, England	15 Jun 63
Yuriy Volkov (32, SU)	2:14:28	Fukuoka, Japan	6 Dec 70
84. Amby Burfoot (22, US)	2:14:28.8	Fukuoka, Japan	8 Dec 68
85. Karel Lismont (23)—2	2:14:31.8	Munich, West Germ.	10 Sep 72
86. Bud Edelen (27)—2	2:14:34	Chiswick, England	12 Jun 65
87. Ron Hill (32)—9	2:14:34.8	Helsinki, Finland	15 Aug 71
88. Toru Terasawa (31)—2	2:14:35	Beppu, Japan	13 Feb 66
89. Toru Terasawa (30)—3	2:14:38	Beppu, Japan	7 Feb 65
Jeff Julian (34, NZ)	2:14:38	Fukuoka, Japan	7 Dec 69
91. M. Futsuhara (29, Jpn)	2:14:40	Fukuoka, Japan	3 Dec 67
92. Jurgen Busch (27)—3	2:14:41.2	Karl-Marx-Stadt, EG	10 May 70
93. Brian Kilby (25, GB)	2:14:43	Port Talbot	6 Jul 63
Igor Shcherbak (29)—2	2:14:43	Novgorod, USSR	9 Jul 72
95. Kazuo Yamashita (25, Jpn)	2:14:44	Fukuoka, Japan	8 Dec 68
Jack Foster (38)—2	2:14:44	Edinburgh, Scotland	23 Jul 70
97. Jim Alder (27)—3	2:14:44.8	Fukuoka, Japan	3 Dec 67
98. Kenji Kimihara (27)—3	2:14:46	Otsu, Japan	14 Apr 68
99. Seppo Nikkari (24)—2	2:14:47	Karl-Marx-Stadt, EG	29 Apr 72
100. Derek Clayton (25)—5	2:14:47.8	Hobart, Australia	25 May 68

by Roger Gynn

# 1972 WORLD LIST

Three international marathons—Maxol in England, Olympics in Munich and Fukuoka in Japan—accounted for most of the year's top performance. The Olympic influence apparently didn't produce any unusual spurt of fast times. But the sport kept up the steady improvement it has had over the years. Never before had it taken under 2:19 to make this top 100 list.

NAME	TIME	SITE	DATE
1. Frank Shorter (25, US)	2:10:30	Fukuoka, Japan	3 Dec
2. John Farrington (30, Aus)	2:12:00.4	Fukuoka, Japan	3 Dec
3. Frank Shorter (24)—2	2:12:19.8	Munich, W. Ger.	10 Sep
4. Lutz Philipp (31, WG)	2:12:50	Manchester, Eng.	4 Jun
5. Ron Hill (33, GB)	2:12:51	Manchester, Eng.	4 Jun
6. Igor Shcherbak (28, SU)	2:13:16.2	Uzhgorod, USSR	29 Apr
7. Eckhard Lesse (23, EG)	2:13:19.4	Karl Marx Stadt	29 Apr
8. Vladimir Moseyef (31, SU)	2:13:59	Uzhgorod, USSR	29 Apr
9. Kenichi Otsuki (Japan)	2:14:00.6	Fukuoka, Japan	3 Dec
10. Seppo Nikkari (24, Fin)	2:14:02.8	Fukuoka, Japan	3 Dec
11. Dave McKenzie (28, NZ)	2:14:11.2	Dunedin, NZ	11 Mar
12. Anatoliy Baranov (32, SU)	2:14:19.6	Novgorod, USSR	9 Jul
13. J. Velikorodnikh (30, SU)	2:14:27	Novgorod, USSR	9 Jul
14. Karel Lismont (23, Bel)	2:14:31.8	Munich, W. Ger.	10 Sep
15. Igor Shcherbak (20—2)	2:14:43	Novgorod, USSR	9 Jul
16. Seppo Nikkari (24)—2	2:14:47	Karl Marx Stadt	9 Apr
17. Yetnberk Belete (24, Eth)	2:14:52	Addis Ababa, Eth.	27 May
18. Don Macgregor (32, GB)	2:15:06	Manchester, Eng.	4 Jun
19. Mamo Wolde (38, Eth)	2:15:08.4	Munich, W. Ger.	10 Sep
20. Vasiliy Sterlyagov (30, SU)	2:15:14	Uzhgorod, USSR	29 Apr
21. Jurgen Busch (29, EG)	2:15:14.2	Karl Marx Stadt	29 Apr
22. Pekka Tiihonen (24, Fin)	2:15:15	Turku, Fin.	2 Apr
A. Kopanyev (26, SU)	2:15:15	Novgorod, USSR	9 Jul
24. Colin Kirkham (27, GB)	2:15:17	Manchester, Eng.	4 Jun
25. Donal Walsh (23, Ire)	2:15:21	Athlone, Ire.	25 Jun
Yuriy Volkov (33, SU)	2:15:21	Novgorod, USSR	29 Apr
27. Nikolay Penzin (21, SU)	2:15:22	Uzhgorod, USSR	29 Apr
28. Terry Manners (32, NZ)	2:15:24	Dunedin, NZ	11 Mar
29. Mamo Wolde (37)—2	2:15:34	Addis Ababa, Eth.	27 May
30. Ferdy le Grange (23, SA)	2:15:34.6	Brussels, Bel.	11 Jun
31. Viktor Konyukov (SU)	2:15:37	Novgorod, USSR	9 Jul
32. Olavi Suomalainen (25, Fin)	2:15:39	Boston, Mass.	17 Apr
33. Kenny Moore (28, US)	2:15:39.8	Munich, W. Ger.	10 Sep



34. V. Merkushev (25, SU)	2:15:40	Uzhgorod, USSR	29 Apr
35. D.M. Zyanov (30, SU)	2:15:41	Novgorod, USSR	9 Jul
36. Esko Lipsonen (21, Fin)	2:15:41.6	Turku, Fin.	2 Apr
37. Don Faircloth (23, GB)	2:15:52	Manchester, Eng.	4 Jun
38. Kenji Kimihara (31, Japan)	2:15:52.6	Fukuoka, Japan	3 Dec
39. Lutz Phillip (31)—2	2:15:52.8	Werther, W. Ger.	29 Apr
40. Victor Mora (30, Col)	2:15:57	Boston, Mass	17 Apr
41. Kenny Moore (28)—2	2:15:57.8	Eugene, Ore.	9 Jul
Frank Shorter (24)—3	2:15:57.8	Eugene, Ore.	9 Jul
43. Eric Austin (36, GB)	2:15:59	Manchester, Eng.	4 Jun
44. Yuriy Maurin (29, SU)	2:16:04	Novgorod, USSR	9 Jul
45. Paul Angenwoorth (26, WG)	2:16:05.8	Werther, W. Ger.	29 Apr
46. Terry Manners (32)—2	2:16:06	Napier, N.Z.	12 Feb
47. Paavo Hyvoenen (28, Fin)	2:16:06.4	Turku, Fn.	2 Apr
48. Lutz Philipp (31)—3	2:16:09	Dudenhofen, W.Ger.	22 Oct
49. Jacinto Sabinal (29, Mex)	2:16:10	Boston, Mass.	17 Apr
50. W. v. Renterghem (28, Bel)	2:16:10.4	Brussels, Belg.	11 Jun
51. Viktor Silyayev (30, SU)	2:16:12	Uzhgorod, USSR	29 Apr
52. Des McGann (26, Ire)	2:16:16	Athlone, Ire.	25 Jun
53. Bernard Plain (25, GB)	2:16:18	Manchester, Eng.	4 Jun
54. Ferdy le Grange (23)—2	2:16:19	Manchester, Eng.	4 Jun
Derek Clayton (29, Aus)	2:16:19	Euroa, Aus.	22 Jul
56. Vladimir Bugrov (27, SU)	2:16:20	Uzhgorod, USSR	29 Apr
57. Carlos Perez (37, Sp)	2:16:27	Manchester, Eng.	4 Jun
Kenji Kimihara (31)—2	2:16:27	Munich, W. Ger.	10 Sep
59. Ron Hill (33)—2	2:16:30.6	Munich, W. Ger.	10 Sep
60. Don Macgregor (33)—2	2:16:34.4	Munich, W. Ger.	10 Sep.
61. Bernie Allen (26, GB)	2:16:34.6	Rotterdam, Hol.	2 Jul
62. Jurgen Busch (29)—2	2:16:40.2	Cottbus, E. Ger.	2 Jul
63. Paul Angenwoorth (26)—2	2:16:44	Manchester, Eng.	4 Jun
64. Don Macgregor (33)—3	2:16:42.4	Fukuoka, Japan	3 Dec
65. Roland Schwert (22, EG)	2:16:44.4	Karl Marx Stadt	29 Apr
66. Manfred Steffny (30, WG)	2:16:45	Manchester, Eng.	4 Jun
67. Yuriy Volkov (33)—2	2:16:48.2	Karl Marx Stadt	29 Apr
68. Brendon O'Shea (29, Ire)	2:16:50	Berchem, Belg.	17 Sep
69. Sradul Singh (India)	2:16:52.6	Jammu India	5 Nov
70. Dave Holt (27, GB)	2:16:53	Manchester, Eng.	4 Jun
Mike Rowland (29, GB)	2:16:53	Manchester, Eng.	4 Jun
72. Jack Foster (40, NZ)	2:16:56.2	Munich, W. Ger.	10 Sep
73. Yoshinobu Kitayama (Jpn)	2:17:07	Fukuoka, Japan	3 Dec
74. Dan McDaid (30, Ire)	2:17:12	Athlone, Ire.	25 Jun
75. Roland Winkler (25, EG)	2:17:13	Karl Marx Stadt	29 Apr
76. Gunter Milke (29, WG)	2:17:18	Dudenhofen, W. Ger.	22 Oct
Tony Moore (27, GB)	2:17:18	Manchester, Eng.	4 Jun
78. Norman Deakin (25, GB)	2:17:20	Manchester, Eng.	4 Jun

79. Antonio Brutti (27, It)	2:17:21.2	Brussels, Belg.	11 Jun
80. John Farrington (30—2)	2:17:34.4	Kosice, Czech	8 Oct
81. Susumu Sato (22, Jap)	2:17:37	Kyoto, Japan	6 Feb
82. Jack Bacheler (27, US)	2:17:38.2	Munich, W. Ger.	10 Sep
83. Josef Podmolik (29, Cze)	2:17:45	Berchem, Belg.	17 Sep
Doug Schmenk (21, US)	2:17:45	San Diego, Calif.	15 Jan
85. Jack Foster (39)—2	2:17:51	Rotorua, NZ	22 Apr
Bob Richardson (26, GB)	2:17:51	Manchester, Eng.	4 Jun
87. Willie Dunne (39, Ire)	2:17:54	Berchem, Belg.	17 Sep
Mike Freary (33, GB)	2:17:54	Manchester, Eng.	4 Jun
89. Eric Austin (37)—2	2:17:54.4	Kosice, Czech	8 Oct
90. Matti Vuorenmaa (30, Fin)	2:18:00	Kyoto, Japan	6 Feb
91. Santiago Manguan (30, Sp)	2:18:00.2	Paterna, Spain	21 May
92. Vaclav Mladek (Cz, 30)	2:18:00.4	Prague, Czech.	14 May
93. D.M. Zyanov (30)—2	2:18:02	Uzhgorod, USSR	29 Apr
94. Ferenc Xzekers (25, Hun)	2:18:04	Karl Marx Stadt	29 Apr
Urban Larsson (25, Swe)	2:18:04	Handen, Swe	17 Jun
96. Andrew Jacour (32, Fr)	2:18:05	Berchem, Belg.	17 Sep
97. Don Kardong (23, US)	2:18:05.6	Burlingame, Calif.	13 Feb.
98. Jacinto Sabinal (29)—2	2:18:06	Mexico City, Mex.	8 Jul
99. Cyril Leigh (35, GB)	2:18:08	Manchester, Eng.	4 Jun
100. Valeriy Chudin (SU)	2:18:18.4	Kalingrad, USSR	14 Oct

Dave White (417) twice broke 2:20 in 1972, but accidentally lost his fastest time after being misguided near the finish. Here he runs at Culver City with Gary Dobrenz (1) and Darren George. (Stan Pantovic)



# ALL-TIME U.S. LIST

A minute a year represents substantial progress. That is how the overall quality of US marathoning is improving. In 1970, it took 2:25 to make the top hundred of all-time. In 1971, the figure was just under 2:24. In 1972, that dipped well under 2:23. New names glut the list.

These are the leading US citizens. Besides the top 100 times, there is an additional listing of all others who have broken 2:30. Information in the top 100 list includes all-time rank, name, age, number of times on the chart, time, site and date. (\*-uncertified US course.)

These are marks received through mid-December. Others may appear in the supplement at the back of the booklet.

NAME	TIME	SITE	DATE
1. Frank Shorter (25)	2:10:30	Fukuoka, Japan	3 Dec 72
2. Eamon O'Reilly (25)	2:11:12	Boston, Mass.	20 Apr 70
3. Kenny Moore (27)	2:11:35.8	Fukuoka, Japan	6 Dec 70
4. Frank Shorter (24)—2	2:12:19.8	Munich, W. Ger.	10 Sep 72
5. Frank Shorter (24)—3	2:12:50.4	Fukuoka, Japan	5 Dec 71
6. Kenny Moore (26)—2	2:13:27.8	Fukuoka, Japan	7 Dec 69
7. Bud Edelen (25)	2:14:28	Chiswick, England	15 June 63
8. Amby Burfoot (22)	2:14:28.8	Fukuoka, Japan	8 Dec 68
9. Bud Edelen (27)—2	2:14:38	Chiswick, England	12 Jun 65
10. Bud Edelen (25)—3	2:15:09.6	Kosice, Czech	13 Oct 63
11. Bill Scobey (26)	2:15:21	Culver City, Calif.	5 Dec 71
12. Kenny Moore (28)—3	2:15:39.8	Munich, W. Ger.	10 Sep 72
13. Norm Higgins (35)	2:15:52	Culver City, Calif.	5 Dec 71
14. Kenny Moore (28)—4	2:15:57.8	Eugene, Oregon	9 Jul 72
Frank Shorter (24)—4	2:15:57.8	Eugene, Oregon	9 Jul 72
16. Mike Hazilla (25)	2:16:20.6	Detroit, Mich.	17 Oct 71
17. Eamon O'Reilly (23)	2:16:39.8	Santa Rosa, Calif.	21 Apr 68
18. Tom Laris (26)	2:16:48	Boston, Mass.	19 Apr 67
19. Kenny Moore (27)—5	2:16:48.6	Eugene, Oregon	6 Jun 71
20. Jack Bachelor (28)	2:17:38.2	Munich, West Ger.	10 Sep 72
21. Frank Shorter (23)—5	2:17:44.6	Eugene, Oregon	6 Jun 71
22. Doug Schmenk (21)	2:17:45	San Diego, Calif.	15 Jan 72
23. Lou Castagnola (30)	2:17:48	Boston, Mass.	19 Apr 67
24. Don Kardong (23)	2:18:05.6	Burlingame, Calif.	13 Feb 72
25. Bud Edelen (27)—4	2:18:12.4	Tokyo, Japan	21 Oct 64
26. Norm Higgins (29)—2	2:18:26	Boston, Mass.	19 Apr 66
27. Tom Heinonen (22)	2:18:29.4	Minneapolis, Minn.	19 May 68
28. Mike Hazilla (20)—2	2:18:46.6	Detroit, Mich.	26 Nov 66
29. Bud Edelen (25)—5	2:18:56.8	Fukuoka, Japan	2 Dec 62
30. John Vitale (23)	2:19:01.6*	Middletown, Conn.	5 Mar 72



31. Norm Higgins (29)—3	2:19:13	Culver City, Calif.	11 Dec 65
32. Herb Lorenz (32)	2:19:16.8	Eugene, Oregon	6 Jun 71
33. Scott Bringhurst (23)	2:19:24	Las Vegas, Nev.	5 Feb 72
34. Dave White (20)	2:19:31	Culver City, Calif.	3 Dec 72
35. Jeff Galloway (26)	2:19:34.6*	Ft. Walton, Fla.	19 Feb 72
36. Kenny Moore (26)—6	2:19:47	Boston, Mass.	20 Apr 70
37. Bruce Mortenson (28)	2:19:59	Boston, Mass.	17 Apr 72
38. Jeff Galloway (26)—2	2:20:03	Boston, Mass.	17 Apr 72
39. John Kelley (26)	2:20:05	Boston, Mass.	20 Apr 57
John Vitale (22)—2	2:20:05	Eugene, Ore.	6 Jun 71
41. John Kelley (29)—2	2:20:13.6	Yonkers, N.Y.	32 May 60
42. John Vitale (23)—3	2:20:16.2	Enschede, Holland	4 Sep 71
43. Scott Bringhurst (22)—2	2:20:18*	Las Vegas, Nev.	6 Feb 71
44. Ralph Buschmann (25)	2:20:20	Boston, Mass.	19 Apr 65
45. Ron Daws (31)	2:20:23	Boston, Mass.	21 Apr 69
46. Wayne Bdagley (27)	2:20:25	Culver City, Calif.	5 Dec 71
47. Kenny Moore (28)—7	2:20:26	Eugene, Oregon	9 Apr 72
48. Steve Dean	2:20:29	Boston, Mass.	17 Apr 72
49. Jack Bacheler (28)—2	2:20:29.2	Eugene, Oregon	9 Jul 72
Jeff Galloway (26)—3	2:20:29.2	Eugene, Oregon	9 Jul 72
50. Bill Scobey (26)—2	2:20:35	Eugene, Oregon	6 Jun 71
52. Wayne Badgley (27)—2	2:20:36	Eugene, Oregon	9 Apr 72
53. Bill Clark (26)	2:20:39.2	Beppu, Japan	8 Feb 70
54. Herb Lorenz (31)—2	2:20:40.8	Toronto, Canada	24 Apr 70
55. Steve Matthews (26)	2:20:41	Minneapolis, Minn.	19 May 68
56. Mike Gregorio (25)	2:20:45	San Diego, Calif.	15 Jan 72
57. Floyd Godwin (23)	2:20:52	Minneapolis, Minn.	19 May 68
58. Bill Scobey (27)—3	2:20:55	Culver City, Calif.	3 Dec 72
59. John Kelley (27)—3	2:20:55.6*	Jersey City, N.J.	11 Oct 58
60. Kenny Moore (26)—8	2:20:58*	Seaside, Oregon	28 Feb 70
61. Bud Edelen (27)—6	2:21:00.4	Krefeld, West Ger.	2 May 65
John Kelley (27)—4	2:21:00.4	Yonkers, N.Y.	18 May 58
63. Byron Lowry (23)	2:21:07.6	Culver City, Calif.	6 Dec 70
64. John Kelley (32)—5	2:21:09	Boston, Mass.	19 Apr 63
65. Bruce Mortenson (27)—2	2:21:09.8	Seaside, Oregon	27 Feb 71
66. Mike Mittelstadt	2:21:21	Viareggio, Italy	14 Jun 70
67. Duncan Macdonald (23)	2:21:31	Burlingame, Calif.	13 Feb 72
68. Herb Lorenz (31)—3	2:21:34.8	P. Washington, N.Y.	3 May 70
69. Tom Laris (25)—2	2:21:44	Boston, Mass.	19 Apr 66
70. Jay Dirksen (24)	2:21:53*	Naperville, Ill.	6 Dec 69
71. John Kelley (28)—6	2:21:54.4	Yonkers, N.Y.	24 May 59
72. Hal Higdon (32)	2:21:55	Boston, Mass.	20 Apr 64
73. Jack Bacheler (26)—3	2:22:00*	Atlanta, Ga.	26 Dec 70
Tom Robinson (2)	2:22:00	Seaside, Ore.	27 Feb 71
75. Kenny Moore (29)—9	2:22:01	Fukuoka, Japan	3 Dec 72

76. Bob Deines (21)	2:22:04	Las Vegas, Nev.	29 Jan 69
77. Skip Houk (26)	2:22:05	Santa Rosa, Calif.	21 Apr 68
78. Carl Hatfield (24)	2:22:07	Boston, Mass	17 Apr 72
79. Jeff Galloway (25)—4	2:22:10	Eugene, Ore.	6 Jun 71
80. John Kelley (33)—7	2:22:15	Holyoke, Mass.	14 Jun 64
Bob Scharf (29)	2:22:15	Boston, Mass.	19 Apr 66
82. Amby Burfoot (21)—2	2:22:17	Boston, Mass.	19 Apr 68
Bill Clark (26)—2	2:22:17	Boston, Mass.	20 Apr 70
84. Gordon McKenzie (32)	2:22:18	Boston, Mass.	19 Apr 60
85. Tom Hoffman (24)	2:22:19	Boston, Mass	17 Apr 72
John Vitale (23)—4	2:22:19	Boston, Mass.	17 Apr 72
87. Mike Mahler (26)	2:22:25	San Diego, Calif.	10 Jan 70
88. Bob Deines (20)—2	2:22:28	Culver City, Calif.	12 May 68
89. Greg Brock	2:22:29.6	Eugene, Oregon	9 Jul 72
90. Reid Harter (21)	2:22:30	San Diego, Calif.	15 Jan 72
91. Bud Edelen (24)—7	2:22:32	Cardiff, Wales	21 Jul 62
92. Byron Lowry (24)—2	2:22:33	Burlingame, Calif.	7 Mar 71
93. Mark Covert (21)	2:22:35	Orange, Calif.	29 Jan 72
94. Bill Clark (27)—3	2:22:38	San Diego, Calif.	9 Jan 71
95. Frank Shorter (23)—6	2:22:40	Cali, Colombia	5 Aug 71
96. Don Kardong (23)—2	2:22:41.8	Eugene, Ore.	9 Jul 72
97. Carl Hatfield (24)—2	2:22:44	Canton, Ohio	10 Oct 71
98. Bryon Lowry (24)—3	2:22:45	Eugene, Ore.	6 Jun 71
John Vitale (22)—5	2:22:45	Boston, Mass.	19 Apr 71
100. Lou Castagnola (30)—2	2:22:46	Beltsville, Md.	19 Feb 67

#### 2:22:54 to 2:23:59

2:22:54	Jim Freeman (25) 1967
2:22:55	Bill Mills (26) 1964
2:22:59	Nick Kitt 1968
2:23:00	Russ Pate (25) 1972
2:23:03	Bob Thurston (28) 1972
2:23:06	Don Lakin 1968
2:23:07	Terry Ziegler (21) 1972
2:23:17	Tom Hollander (19) 1972
2:23:18	Paul Hoffmann (19) 1972
2:23:23	Art Coolidge (24) 1971
2:23:24	Charles Harris (30) 1971
2:23:26	Ed Walkwitz (19) 1970
2:23:28	Justin Gubbins (20) 1972
2:23:28	Brook Thomas (24) 1972
2:23:30	Wayne Van Dellen (30) '67
2:23:32	Rick Bayko (24) 1972
2:23:32	Gareth Hayes (23) 1972
2:23:33	Pete Span (23) 1971
2:23:34	Doug Wiebe (25) 1968
2:23:38*	Vic Nelson (21) 1970
2:23:44	Jon Anderson (22) 1971
2:23:44	Tom Fleming (19) 1971
2:23:53	Fred Lands (22) 1972
2:23:54	Willie Speck 1971
2:23:56	Jeff Reneau (24) 1967

#### 2:24:00 to 2:24:59

2:24:00	Phil Ryan 1971
2:24:03*	Barry Brown (27) 1971
2:24:10	Bob Fitts (27) 1970
2:24:16	Jim Pearson (28) 1972
2:24:17	Jerry Jobski (27) 1971
2:24:20	Mike Kimball (27) 1967
2:24:29	Moses Mayfield (25) 1970
2:24:37	Larry Blancett (24) 1972
2:24:42	Edmund Norris (25) 1972
2:24:48	Eddy Cadena 1968
2:24:49	Gene Comroe 1968
2:24:49	Lee Fidler 1972
2:24:54	Tom Bache (28) 1972

#### 2:25:00 to 2:25:59

2:25:06	Gar Williams (32) 1965
2:25:11	Steve Savage (24) 1972
2:25:12	Damien Koch 1971
2:25:14*	Ron Eller 1967
2:25:15	Jack Leydig (28) 1972
2:25:16	Jose Barela 1968
2:25:16	Chuck Walker (18) 1971
2:25:23*	Ron Kurrle (23) 1972
2:25:25	George Foulds 1964
2:25:26*	John Butterfield (35) 1972

2:25:26\* Phil Burkwitz (20) 1970  
2:25:28 Joe McDevitt (26) 1972  
2:25:31 Bill Gookin (39) 1972  
2:25:31 Max White 1972  
2:25:31 Paul Talkington (25) 1972  
2:25:39\* John Garza 1972  
2:25:49\* Robert Wagner 1972  
2:25:52\* Jim Backus 1970  
2:25:52\* Jim Hatcher 1971  
2:25:54\* Jack Mahurin (28) 1970  
2:25:58 Fred Best (35) 1971  
2:25:59 Larry Miller (21) 1972

#### 2:26:00 to 2:26:59

2:26:00 Jim Colvin (21) 1970  
2:26:02\* Bruce LaBudde 1967  
2:26:03 Ritchie Geisel (26) 1972  
2:26:05 Phil Camp (24) 1972  
2:26:05 Tulley Mann (23) 1972  
2:26:06 Tom Derderian (23) 1972  
2:26:06 Jeromee Liebenberg (23) '71  
2:26:09 Bruce Hannula (22) 1972  
2:26:10 John Loeschhorn 1970  
2:26:15 Duane Spitz (23) 1972  
2:26:18 Bill Norris (27) 1972  
2:26:21 Doug Brown (27) 1972  
2:26:24 Peter McArdle (35) 1964  
2:26:25\* Greg Carlberg (22) 1971  
2:26:30 Al Confalone 1960  
2:26:34\* Dennis Spencer (19) '72  
2:26:39 Jack Fultz (23) 1972  
2:26:42 Jim Howell (28) 1972  
2:26:43 Lou Coppens 1970  
2:26:44\* Ted Corbitt (38) 1958  
2:26:44 Skyler Jones (19) 1971  
2:26:50 Ed Goodfriend (19) 1970  
2:26:51 Joe Smith (27) 1970  
2:26:52 Karl Weiser 1967  
2:26:52\* Rudy Mendez 1956  
2:26:53 Peter Stipe (24) 1972  
2:26:56 Larry Pontinen 1971  
2:26:59\* Don Kennedy 1972

#### 2:27:00 to 2:27:59

2:27:02 Ron Wayne 1972  
2:27:05 Ken Mueller (34) 1971  
2:27:06\* Walt Rodriguez (24) 1972  
2:27:07\* George Oja (29) 1972  
2:27:11 Sam Torres 1972  
2:27:12\* Dan Price 1972  
2:27:15 Bill Anderson (27) 1970  
2:27:17 Alex Breckenridge (30) '62  
2:27:21\* Ralph Thomas (37) 1972  
2:27:24 Ed Hereford 1969  
2:27:29 Gary Vann (20) 1967  
2:27:31 Ken Moffitt (19) 1972  
2:27:34\* Chuck Ceronsky 1970  
2:27:37 Howard Labrie (20) 1971  
2:27:40 Rich Goldner 1971  
2:27:42 Earl Eblen (27) 1963  
2:27:45\* Charles Warthan 1972  
2:27:47 Gerry Lindgren (25) 1972  
2:27:48 Tom Ratliffe (21) 1969  
2:27:49 Marshall Adams (27) 1972  
2:27:50 Rob Waugh (18) 1972  
2:27:52 Sheldon Karlin (22) 1972  
2:27:53 Gary Muhrcke 1969  
2:27:58\* Tom Hale (19) 1972

#### 2:28:00 to 2:28:59

2:28:01 Chuck Smead (19) 1971  
2:28:03 Lou Gregory (36) 1942  
2:28:08\* Gerry Garcia 1967  
2:28:09 Dennis Kasischke (26) '72  
2:28:12 Gary Miller (20) 1971  
2:28:17 Chris Miller (28) 1972  
2:28:21 Jose Cortez (19) 1971  
2:28:24 Gary Tuttle (24) 1972  
2:28:24 John Weidinger (30) 1972  
2:28:25 Paul Thompson (24) 1972  
2:28:27 Virgil Yehner (41) 1970  
2:28:28\* Jack Barry 1958  
2:28:29 Don Brown (26) 1972  
2:28:30 Jim Vedder (29) 1970  
2:28:33 John Brennan (36) 1971

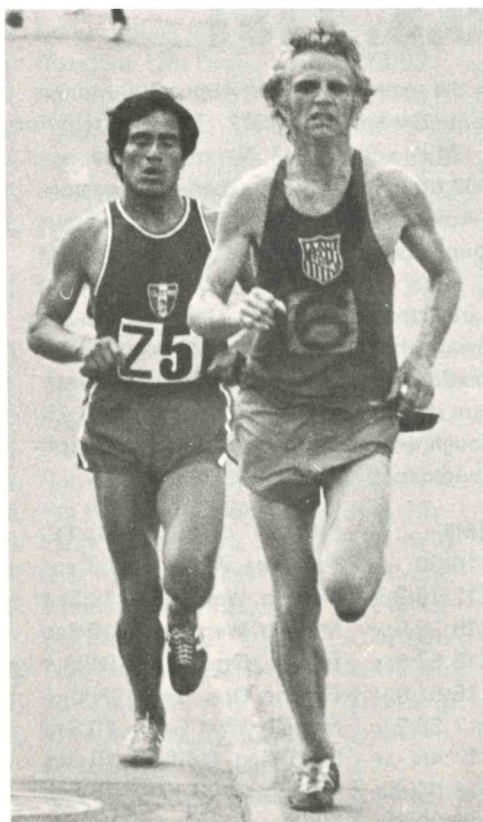
## The Frank Shorter Story

Have you read the new booklet about the Olympic marathon champion. Available now from RW—52 pages, just \$1.00!

Runner's World, Box 366, Mountain View, Calif. 94040



2:28:34	George Husaruk 1965	2:29:11*	Wes Crist (23) 1972
2:28:34	Chuck Koeppen (26) 1972	2:29:11	Mitch Kingery (15) 1972
2:28:35	Danny Cole 1970	2:29:11	Allen Rude (22) 1972
2:28:43	Darren George (23) 1971	2:29:14	Mike Baer (18) 1972
2:28:49	Jim McDonagh (46) 1970	2:29:14	Ron Elijah (18) 1971
2:28:49	Ron Sayers 1971	2:29:16*	Tom Berger (21) 1972
2:28:50	John Lesch (30) 1971	2:29:19	Bob Crow (21) 1971
2:28:53	Darryl Beardall (34) 1970	2:29:22	Bill Harvey 1967
2:28:53	Bob Darling (22) 1972	2:29:23	Phil Weiser 1967
2:28:54	Wayne Comer (30) 1972	2:29:33	Tom McCarthy 1965
2:28:55*	Richard Ashley 1964	2:29:38*	Robert Yslas 1968
2:28:57*	Gary Bryan (36) 1972	2:29:39	Dave Russell (23) 1971
<b>2:29:00 to 2:29:59</b>		2:29:40	Bob Price (25) 1972
2:29:00	Dave Bronzan (24) 1972	2:29:41	James Perez (25) 1972
2:29:01	Len Lundmark 1968	2:29:42	Coleman Mooney 1964
2:29:02	Reuben Dias (26) 1972	2:29:42*	Phil Ryan (23) 1970
2:29:03	Gary Bertsch 1972	2:29:47*	John Lafferty (41) 1959
2:29:04	Tom Osler (26) 1967	2:29:48	Tim Hendricks (26) 1972
2:29:05	Bob Gray (24) 1972	2:29:52	Carlos Alfaro (24) 1972
2:29:06	Bob Carman (28) 1960	2:29:52	Scott Daggatt (18) 1971
2:29:09	John Booras 1965	2:29:55	Gary Dobrenz (24) 1971
2:29:10*	Bob Busby 1972	2:29:58*	Jim McFadden (30) 1970



**Norm Higgins (r)**  
 is still the best  
 man for his age  
 in the US. He  
 ran 2:24 in his  
 36th year.  
 (Jeff Johnson)



Start of the 1972 Boston marathon. (Jeff Johnson)

## 1972 U.S. LIST

The population explosion on the roads continues. About 700 runners broke three hours in 1970. Eleven-hundred did it in 1972. The final tally for this past year will surely top 1500. When will it stop? Never, we hope.

Here are details on the top 100 times of the year. Then the monster appears. That is all the rest of the American citizens who broke three hours during 1972. Women's and age-group lists will come in later sections of this chapter.

Ages and states-of-residence are listed when known. This helps to identify runners. When it says "jr" it means the runner is under 20 years of age. Again we're stressing course certification. Routes not approved as accurate by the AAU standards committee are shown with a "\*".

These are marks received through mid-December. Additions appear in the supplement at the back of the booklet.

NAME	TIME	SITE	DATE
1. Frank Shorter (25, Fla)	2:10:30	Fukuoka, Japan	3 Dec
2. Frank Shorter (24)—2	2:12:19.8	Munich, West Ger.	10 Sep
3. Kenny Moore (28, Ore)	2:15:39.8	Munich, West Ger.	10 Sep
4. Kenny Moore (28)—2	2:15:57.8	Eugene, Ore.	9 Jul
Frank Shorter (24)—3	2:15:57.8	Eugene, Ore.	9 Jul
6. Jack Bacheler (28, Fla)	2:17:38.2	Munich, West Ger.	10 Sep
7. Doug Schmenk (21, Cal)	2:17:45	San Diego, Calif.	15 Jan
8. Don Kardong (23, Cal)	2:18:05.6	Burlingame, Calif.	13 Feb
9. John Vitale (23, Conn)	2:19:01.6*	Middletown, Conn.	5 Mar

10. Scott Bringham (23, Utah)	2:19:24	Las Vegas, Nev.	5 Feb
11. Dave White (20, Cal)	2:19:31	Culver City, Calif.	3 Dec
12. Jeff Galloway (26, Fla)	2:19:34.6*	Ft. Walton Bch, Fla	19 Feb
13. Bruce Mortenson (28, Minn)	2:19:59	Boston, Mass.	17 Apr
14. Jeff Galloway (26)—2	2:20:03	Boston, Mass.	17 Apr
15. Kenny Moore (28)—3	2:20:26	Eugene, Ore.	9 Apr
16. Steve Dean (22, Cal)	2:20:29	Boston, Mass.	17 Apr
17. Jack Bachelor (28)—2	2:20:29.2	Eugene, Ore.	9 Jul
Jeff Galloway (26)—3	2:20:29.2	Eugene, Ore.	9 Jul
19. Wayne Badgley (27, Cal)	2:20:36	Eugene, Ore.	9 Apr
20. Mike Gregorio (27, Cal)	2:20:45	San Diego, Calif.	15 Jan
21. Bill Scobey (27, Cal)	2:20:55	Culver City, Calif.	3 Dec
22. Duncan Macdonald (23, Cal)	2:21:31	Burlingame, Calif.	13 Feb
23. Kenny Moore (29)—4	2:22:01	Fukuoka, Japan	3 Dec
24. Carl Hatfield (24, WV)	2:22:07	Boston, Mass.	17 Apr
25. Tom Hoffman (24, Wisc)	2:22:19	Boston, Mass.	17 Apr
26. John Vitale (23)—2	2:22:19	Boston, Mass.	17 Apr
27. Greg Brock (24, Cal)	2:22:29.6	Eugene, Ore.	9 Jul
28. Reid Harter (21, Cal)	2:22:30	San Diego, Calif.	15 Jan
29. Mark Covert (21, Cal)	2:22:35	Orange, Calif.	29 Jan
30. Don Kardong (24)—2	2:22:41.8	Eugene, Ore.	9 Jul
31. Russ Pate (25, Ore)	2:23:00	Seaside, Ore.	26 Feb
32. Bob Thurston (28, DC)	2:23:03	Boston, Mass.	17 Apr
33. Terry Ziegler (21, Okla)	2:23:07	Lawrence, Kans.	22 Apr
34. Tom Hollander (19, Conn)	2:23:17.6	New York, N.Y.	19 Mar
35. Paul Hoffmann (19, Tex)	2:23:18	Dallas, Tex.	5 Mar
36. Justin Gubbins (20, DC)	2:23:28	Boston, Mass.	17 Apr
Brook Thomas (24, Cal)	2:23:28	Burlingame, Calif.	13 Feb
38. Rick Bayko (24, Mass)	2:23:32	Boston, Mass.	17 Apr
Gareth Hayes (23, NC)	2:23:32	Raleigh, N.C.	22 Jan
40. Mark Covert (21)—2	2:23:34.8	Eugene, Ore.	9 Jul
41. Tom Hoffman (24)—2	2:23:44.4	Eugene, Ore.	9 Jul
42. Gareth Hayes (23)—2	2:23:51	Boston, Mass.	17 Apr
43. Fred Lands (22, Cal)	2:23:53	San Diego, Calif.	15 Jan
44. Norm Higgins, (36, Conn)	2:24:07.8	Eugene, Ore.	9 Jul
45. Jim Pearson (28, Wash)	2:24:16	Vancouver, B.C.	27 May
46. Larry Blancett (24, NM)	2:24:37.8	Tulsa, Okla.	25 Mar
47. Skip Houk (30, Cal)	2:24:40.8	Eugene, Ore.	9 Jul
48. Edmund Norris (25, Mass)	2:24:42.8	Liverpool, N.Y.	21 May
49. Lee Fidler (SC)	2:24:49	Boston, Mass	17 Apr
50. Tom Bache (28, Cal)	2:24:54	Burlingame, Calif.	13 Feb
51. Bill Clark (28, Cal)	2:25:10.6	Eugene, Ore.	9 Jul
52. Jon Anderson (22, Ore)	2:25:11	Eugene, Ore.	1 Oct
Steve Savage (24, Ore)	2:25:11	Eugene, Ore.	1 Oct
54. Jack Leydig (28, Cal)	2:25:15	Boston, Mass.	17 Apr
55. Ron Kurrle (23, Cal)	2:25:23.2*	Palos Verdes, Cal.	27 May



56. John Butterfield (35, Cal)	2:25:26*	Napa, Calif.	1 Oct
Tom Fleming (20, NJ)	2:25:26	Boston, Mass.	17 Apr
58. Joe McDevitt (26, Cal)	2:25:28	Boston, Mass.	17 Apr
59. John Vitale (23)—3	2:25:30	Liverpool, N.Y.	21 May
60. Bill Gookin (39, Cal)	2:25:31	Cologne, W. Ger.	16 Sep
Max White (NJ)	2:25:31	Boston, Mass.	17 Apr
62. Paul Talkington (25, Ohio)	2:25:31.6	Eugene, Ore.	9 Jul
63. Jim Pearson (28, Wash)	2:25:35	Seaside, Ore.	26 Feb
64. Bill Clark (28)—2	2:25:38	Burlingame, Calif.	13 Feb
65. John Garza (Mich)	2:25:39*	Toledo, Ohio	19 Mar
66. Jim Pearson (28)—3	2:25:41*	Portland, Ore.	25 Apr
67. Ron Daws (34, Minn)	2:25:49*	Des Moines, Iowa	29 Apr
Robert Wagner (Minn)	2:25:49*	Des Moines, Iowa	29 Apr
69. Larry Miller (21, Ore)	2:25:59	Seaside, Ore.	26 Feb
70. Ritchie Geisel (26, Cal)	2:26:03	Weott, Calif.	7 May
71. Phil Camp (24, Cal)	2:26:05	San Diego, Calif.	7 May
Ron Kurrle (23)—2	2:26:05	San Diego, Calif.	7 May
Tulley Mann (23, Cal)	2:26:05	San Diego, Calif.	7 May
74. Tom Derderian (23, Mass)	2:26:06	Boston, Mass.	17 Apr
75. Bruce Hannula (22, Mich)	2:26:09	Boston, Mass.	17 Apr
76. Skip Houk (30)—2	2:26:11*	Madera, Calif.	15 Jan
77. Mike Gregorio (27)—2	2:26:12.4	Eugene, Ore.	9 Jul
Robert Wagner—2	2:26:12.4	Eugene, Ore.	9 Jul
79. Norm Higgins (36)—2	2:26:14	Boston, Mass.	17 Apr
80. Duane Spitz (23, Mich)	2:26:15	Detroit, Mich.	22 Oct
81. Bill Norris (27, Ore)	2:26:18	Eugene, Ore.	9 Apr
82. Doug Brown (27, Mont)	2:26:21	Billings, Mont.	28 May
83. Bob Fitts (29, Wisc)	2:26:23	Liverpool, N.Y.	21 May
84. Jim Pearson (28)—4	2:26:26.8	Birch Bay, Wash.	15 Apr
85. Dennis Spencer (19, Ga)	2:26:34*	Des Moines, Iowa	29 Apr
86. Jack Fultz (23, Va)	2:26:39	Liverpool, N.Y.	21 May
87. Terry Ziegler (21)—2	2:26:40*	Falls City, Nebr.	15 Oct
88. Jack Bacheler (28)—3	2:26:40.6	New Orleans, La.	29 Jan
89. Jim Howell (28, Cal)	2:26:42	Weott, Calif.	7 May
90. Ron Daws (34)—2	2:26:47	Liverpool, N.Y.	21 May
91. Peter Stipe (24, Mass)	2:26:53	Boston, Mass.	17 Apr
92. Jeff Galloway (26)—4	2:26:58	Raleigh, N.C.	22 Jan
93. Don Kennedy (Ga)	2:26:59*	Ft. Walton Bch, Fla	19 Feb
94. Ron Wayne (Mass)	2:27:02	Boston, Mass.	17 Apr
95. Walt Rodriguez (24, Ohio)	2:27:06*	Toledo, Ohio	18 Jun
96. George Oja (29, Ore)	2:27:07*	Portland, Ore.	25 Mar
97. Jack Mahurin (29, Ky)	2:27:09	Liverpool, N.Y.	21 May
98. Jim Backus (27, Cal)	2:27:11	Burlingame, Calif.	13 Feb
99. Paul Hoffmann (19)—2	2:27:11.8	Eugene, Ore.	9 Jul
Sam Torres (Mich)	2:27:11.8	Eugene, Ore.	9 Jul

**2:27:17 to 2:27:59**

2:27:12\* Dan Price (Ohio)  
2:27:21\* Ralph Thomas (37, Me)  
2:27:28 Ed Hereford (NC)  
2:27:31 Ken Moffitt (19, Cal)  
2:27:45\* Charles Warthan (Ind)  
2:27:47 Gerry Lindgren (25, Wash)  
2:27:48 Tom Heinonen (26, Cal)  
2:27:49 Marshall Adams (27, NC)  
2:27:50 Rob Waugh (18, Ariz)  
2:27:52 Sheldon Karlin (22, Md)  
2:27:58\* Tom Hale (19, Cal)

**2:28:00 to 2:29:59**

2:28:05 John Loeschhorn (Cal)  
2:28:09 Dennis Kasischke (26, Cal)  
2:28:09 Moses Mayfield (27, Pa)  
2:28:17 Chris Miller (28, Cal)  
2:28:24 Gary Tuttle (24, Tex)  
2:28:24 John Weidinger (30, Cal)  
2:28:25 Paul Thompson (24, Mass)  
2:28:29 Don Brown (26, NY)  
2:28:34 Chuck Koeppen (26, Ind)  
2:28:53 Bob Darling (22, Cal)  
2:28:54 Wayne Comer (30, Tex)  
2:28:57\* Gary Bryan (36, Wash)

**2:29:00 to 2:29:59**

2:29:00 Dave Bronzan (24, Cal)  
2:29:02 Reuben Dias (26, Hawaii)  
2:29:03 Gary Bertsch (Va)  
2:29:05 Bob Gray (24, Ore)  
2:29:10\* Bob Busby (Mo)  
2:29:11\* Wes Crist (23, Colo)  
2:29:11 Mitch Kingery (15, Cal)  
2:29:11 Allen Rude (22, Cal)  
2:29:14 Mike Baer (18, Colo)  
2:29:16\* Tom Berger (21, Colo)  
2:29:30 Pete Span (23, Ariz)  
2:29:35\* Jose Cortez (20, Cal)  
2:29:40 Bob Price (25, Cal)  
2:29:41\* James Perez (25, Cal)  
2:29:48 Tim Hendricks (26, Nebr)  
2:29:52 Carlos Alfaro (24, Cal)  
2:29:57\* Ken Mueller (36, Mass)  
2:29:58 Jim Green (39, Mass)  
2:29:59\* Charles Harris (31, NM)

**2:30:00 to 2:30:59**

2:30:07 Mike Sabino (Md)  
2:30:13 Joe Witkowski (NJ)  
2:30:28 Curtis Ankeny (19, Ore)  
2:30:28 Gordon Currie (22, Ore)  
2:30:29 Leonard Hilton (25, Tex)  
2:30:43\* Doug Carder (WV)  
2:30:55 Larry Seethaler (29, Tex)

**2:31:00 to 2:31:59**

2:31:05\* Larry Olsen (25, Mass)  
2:31:10 John Brennand (36, Cal)  
2:31:29 Bob Hamilton (22, Idaho)  
2:31:37 Douglas Fish (Ohio)  
2:31:44 Pat Bastick (38, NY)

2:31:47 Perry Forrester (19, Cal)

**2:32:00 to 2:32:59**

2:32:01 Rob Leutwiler (21, Mo)  
2:32:04\* Ken Young (31, Ill)  
2:32:07 Joel Pasternack (NJ)  
2:32:12 Walter Renaud (40, Mass)  
2:32:17 Hank Brame (Ark)  
2:32:21 Loren Moes (21, Mo)  
2:32:23 Bill O'Brien (18, NY)  
2:32:27 John Pagliano (32, Cal)  
2:32:29 Mike Tulley (17, Cal)  
2:32:30 Don Shanahan (29, Cal)  
2:32:31 Donald Anderson  
2:32:36 Jim Carter (Mich)  
2:32:37\* Bob Hunt (19, Mich)  
2:32:39\* Wayne Ristau (24, Ore)  
2:32:51 Glenn Appell (22, NY)  
2:32:57 Ed Cadena (Cal)  
2:32:57 Gary Dobrenz (25, Cal)

**2:33:00 to 2:33:59**

2:33:04\* Gary Roybal (20, NM)  
2:33:05 Ian Jackson (28, Cal)  
2:33:06 Graham Parnell (44, Cal)  
2:33:13 Liam Ryan (Cal)  
2:33:21 Ron Iff (22, Ore)  
2:33:33 Terry Gallagher (26, Mass)  
2:33:38 Phil Ryan (28, Mass)  
2:33:42\* Cletus Griffin (Ohio)  
2:33:44 Gar Williams (39, Va)  
2:33:49\* Fred New (20, Wash)  
2:33:50\* Dan Anderson (20, Cal)  
2:33:51 Dave Wilborn (Ore)  
2:33:55 Bill Bragg (23, NJ)

**2:34:00 to 2:34:59**

2:34:00 Philip Bonfiglio (NY)  
2:34:02 Damien Koch (Cblo)  
2:34:02\* Steve Lewark (25, Ind)  
2:34:06\* Richard Smith (Ohio)  
2:34:10 Wayne Akiyama (Cal)  
2:34:12 Ronald Nehring (Ill)  
2:34:17 Tom Childers (Va)  
2:34:20\* Bill Anderson (29, Cal)  
2:34:21\* Steve Goldberg (40, Ill)  
2:34:22 Rodger Low (Ark)  
2:34:23 Chuck Mork (19, Tex)  
2:34:25 Howard Labrie (21, Cal)  
2:34:26\* Dennis Urtiaga (Cal)  
2:34:26 John Wanecke (20, Minn)  
2:34:29\* Ed King (20, Conn)  
2:34:32 Jacob Johanson (23, Wash)  
2:34:34 Joe Toledo (24, Cal)  
2:34:37 Peter Hallop (Mich)  
2:34:41\* Barney Hance (Ill)  
2:34:42 Mike Shaw (21, Wash)  
2:34:43 Hugh Sweeny (27, NJ)  
2:34:49 Clary Reinsma (17, Wash)  
2:34:51 Dewitt Thomson (27, NY)  
2:34:55 Orville Atkins (35, Cal)  
2:34:56\* Dale Roe (Wisc)

2:34:57\* Ross Smith (44, Nev)  
2:34:58\* Gordon Braun (17, Wash)

### 2:35:00 to 2:35:59

2:35:02 Henry Shawnee (21, Okla)  
2:35:04 Harry Otley (20, Idaho)  
2:35:09 Jeff Brain (22, Minn)  
2:35:09 Ted Wolfe (Ore)  
2:35:14 Richard Pettigrew (19, Tex)  
2:35:15\* Mike Buzbee (Cal)  
2:35:15\* Robert Carpenter (Mich)  
2:35:16 Charles Leuthold (Va)  
2:35:24\* Ed Horn (Colo)  
2:35:25 Dennis Swift (19, Cal)  
2:35:29 Marc Peuron (NY)  
2:35:36\* Bob Ladum (28, Ore)  
2:35:37\* Leo Morgan (23, Cal)  
2:35:38 Peter Farwell (21, Mass)  
2:35:42\* Alan Beardall (34, Ore)  
2:35:42 Bryan Geiser (18, Cal)  
2:35:46 Fred Best (36, NJ)  
2:35:49 Daniel Matlock (18, Ore)  
2:35:50 Roy Vogel (26, Cal)  
2:35:58\* August Jarvis (40, Ohio)

### 2:36:00 to 2:36:59

2:36:00\* John Jarek (36, Mass)  
2:36:05\* Phil Ryan (Cal)  
2:36:18 Patrick Miller (Conn)  
2:36:26\* Jeff Arnold (16, Cal)  
2:36:26\* Robin Lee (19, Ore)  
2:36:28\* Robert Hemsley (16, Conn)  
2:36:28 Wayne Vaughn (26, Md)  
2:36:31 Gary Rizzo (Mich)  
2:36:31 Virgil Yehmert (43, Ohio)  
2:36:32\* Phil Davis (26, Ill)  
2:36:33 Vince Chiappetta (38, NY)  
2:36:33\* Daniel Sekerak (25, Ohio)  
2:36:33\* Jack Petty (Tex)  
2:36:34\* Will Deering (27, Me)  
2:36:34 Doug Wellman (22, Ore)  
2:36:34 William Welsh (17, Ohio)  
2:36:41\* Richard Forbes (35, Ore)  
2:36:46\* Ric Raymond (26, Ore)  
2:36:50\* George Cyr (24, Ill)  
2:36:50\* Bill Posedel (29, Cal)  
2:36:51\* Don Slusser (Pa)  
2:36:58 Clyde Villamez (Tex)

### 2:37:00 to 2:37:59

2:37:03 Larry Aduddel (26, Okla)  
2:37:05\* Gary Barrett (23, Ill)  
2:37:05 Jim Drews  
2:37:06 Bill Harvey (NY)  
2:37:06 Bob Hirst (24, Pa)  
2:37:07 James Daley (35, NH)  
2:37:09 Glen Cole (21, Okla)  
2:37:09 Roy Prior (18, Wash)  
2:37:10 Ray Hall (Conn)  
2:37:20\* Scott Sundquist (19, Minn)  
2:37:22 Arthur Hall (22, NY)  
2:37:23 Hal Higdon (41, Ind)

2:37:27 Bruce Kritzler (23, Ohio)  
2:37:46 Robert Langerbach (35, Wash)  
2:37:47\* Darryl Beardall (35, Cal)  
2:37:50\* Paul Erler (Colo)  
2:37:54 Harold DeMoss (36, Cal)  
2:37:54 John Gault (Mich)  
2:37:55\* Martin Smith (23, Ia)

### 2:38:00 to 2:38:59

2:38:05 Bruce Ellis (Mass)  
2:38:05\* Gary Foltz (Ill)  
2:38:06\* John Hawkins (Nebr)  
2:38:11 Chris Chambers (Mass)  
2:38:13 Ed Marynowski (17, Cal)  
2:38:13\* Spencer Smith (Ariz)  
2:38:15 Bob Barker (25, Cal)  
2:38:16 Douglas Johnson (19, Ore)  
2:38:21 Tim Welles (32, NY)  
2:38:22 Peter Kuchinski (Mass)  
2:38:28 Mike McCormick (31, Cal)  
2:38:32 Eric Walther (33, NY)  
2:38:37 Neil Weygandt (25, Pa)  
2:38:38 Bob DeLeonardis (19, Cal)  
2:38:38 Steve Jaskela (18, Cal)  
2:38:40\* Rich Lachorski (22, Ohio)  
2:38:40\* Randy Lawson (19, Cal)  
2:38:47\* Steve Lubar (19, Pa)  
2:38:44\* George Morgan (Jr, Ariz)  
2:38:56\* John Finch (38, Cal)  
2:38:56\* Paul Huyffer (34, Mass)  
2:38:57\* Jim Andrews (24, NY)  
2:38:57 Carroll Sternberg (41, Wisc)  
2:38:58\* Jim McFadden (32, Ia)

### 2:39:00 to 2:39:59

2:39:01\* Kevin McCarthy (18, Wash)  
2:39:03 Frank Freyne (32, Cal)  
2:39:04 Dave Whybrew (25, Ind)  
2:39:06 Ron Hopkins (32, Cal)  
2:39:06 Ed Mendoza (19, Cal)  
2:39:06 Don Ocana (21, Cal)  
2:39:10 Peter Elliott (25, Ill)  
2:39:10 Emelio Rotondi (Mass)  
2:39:11\* Roger Rouiller (34, WV)  
2:39:14\* Gary Lane  
2:39:18\* Ken Katzer (30, Nebr)  
2:39:20 John Garlepp (33, NY)  
2:39:21 Ron Drogin (33, Mass)  
2:39:21 Alan Haas (Cal)  
2:39:22\* Byron Cattell (39, Wash)  
2:39:28 Roland Anspach (45, Ohio)  
2:39:30\* Greg Dykstra (24, Ill)  
2:39:30\* Terry Heath (18, Idaho)  
2:39:36\* Ed Wagner (Ia)  
2:39:37 Ron Blackmore (19, NY)  
2:39:37\* Mike Pinocci (18, Cal)  
2:39:38\* Bill Lau (21, Ill)  
2:39:38\* Steve Miller (Wisc)  
2:39:39 John Greenwood (18, Cal)  
2:39:39 Bob Stagsdill (18, Cal)  
2:39:41\* Matt Yeo (17, Cal)  
2:39:42 Howard Miller (43, Wash)



- 2:39:45\* Gary Lance  
 2:39:45\* Bob Pollock (Ga)  
 2:39:45 Dave Senechalle (32, NY)  
 2:39:50 Glenn Behnke (Wisc)  
 2:39:50\* Fritz Hagerman (Ohio)  
 2:39:53\* Bruce Sacks (22, Ohio)  
 2:39:54 Dale Severy (26, Cal)  
 2:39:55 Edwin Gookin (38, Cal)  
 2:39:56 Bill Stock (42, Cal)
- 2:40:00 to 2:40:59**  
 2:40:03\* Tom Higgins (34, Ill)  
 2:40:04\* George Wilson (Mich)  
 2:40:05 John Kelley (41, Conn)  
 2:40:07\* Harold Southerland (Fla)  
 2:40:10\* Carl Carey (35, Ind)  
 2:40:10 Alan Witcher (21, Cal)  
 2:40:12 Jim McDonagh (48, NY)  
 2:40:15 Fred Clarke (40+)  
 2:40:17 Bob Greene (37, DC)  
 2:40:18\* Dave Smith (25, Ind)  
 2:40:22 John Zieserl (Mich)  
 2:40:23 Dave Russell (Cal)  
 2:40:29 Jim O'Neil (47, Cal)  
 2:40:33\* Charles Riley (31, Mass)  
 2:40:39\* Bob Frantz (20, Ore)  
 2:40:39 Charlie Vigil (Colo)  
 2:40:40 Ralph Grant (25, Me)  
 2:40:42\* Rick Vaferdes (Cal)  
 2:40:44 John Bramley (18, Colo)  
 2:40:48 Art Ting (20, Cal)  
 2:40:53\* Joseph McPherson (Wv)
- 2:41:00 to 2:41:59**  
 2:41:01 Ron Gaff (Mass)  
 2:41:03\* Barry Evans  
 2:41:09 Mike Baxter (28, Mass)  
 2:41:10 David Worthen (Fla)  
 2:41:11\* Pat Buzbee (Cal)  
 2:41:13 Wayne Frongello (Mass)  
 2:41:17\* Mike Considine (19, Ill)  
 2:41:17\* Eric Thornton (25, Ill)  
 2:41:18\* Michael Chaffee (Kans)  
 2:41:18\* Phil Ford (Ohio)  
 2:41:19\* Keith Woodward (Vt)  
 2:41:22\* Alan Jensen (33, Ore)  
 2:41:24 Jim Boyle (22, NY)  
 2:41:25\* John Babbington (27, Mass)  
 2:41:25 Mike Mittelstaedt (29, Va)  
 2:41:25\* Martin Sudzine  
 2:41:26 Jim Bowles (22, Cal)  
 2:41:26 Joe Dahl (25, Me)  
 2:41:30 Gary Johnson (19, Cal)  
 2:41:37 Mark Bauman (Ky)  
 2:41:37\* Galen Green (23, Ia)  
 2:41:42\* David Waddle (19, Ia)  
 2:41:43\* Steve Williams (19, Cal)  
 2:41:44 George Guins (29, Ohio)  
 2:41:45\* David Cortez (14, Cal)  
 2:41:45\* Blair Johnson (NM)  
 2:41:45\* John Philyaw (17, Ill)  
 2:41:48\* Gary Chilton (33, Cal)
- 2:41:48 Patrick Hannon (Pa)  
 2:41:53 Earl Bradley (38, Ohio)  
 2:41:53 Eric Sigmont (Tex)  
 2:41:54 Jim Isenberg (21, NJ)  
 2:41:56\* Jim Vedder (31, Wisc)  
 2:41:57 Joe Coblantz (Pa)  
 2:41:59 Jerry McNeal (Minn)
- 2:42:00 to 2:42:59**  
 2:42:03 Frank Bozanich (28, NC)  
 2:42:05 Jeff Carmody (25, NJ)  
 2:42:12 Byron Beam (Pa)  
 2:42:12\* Mike Maron (22, Cal)  
 2:42:16 Bill King (43, Pa)  
 2:42:16 Phil Phimister (18, Wash)  
 2:42:17 Dick Endris (Fla)  
 2:42:18 John Burns (Cal)  
 2:42:18\* Craig Harms (21, Ohio)  
 2:42:18\* Russ Walline (Cal)  
 2:42:19 Norm Oyler (29, Ore)  
 2:42:21 Robert Sullivan (Mass)  
 2:42:23 Earl Ellis (36, Wash)  
 2:42:24 Fred Levine (23, NY)  
 2:42:28 Eugene Kraszecki (Ga)  
 2:42:32\* Larry Fauchier (22, Ia)  
 2:42:33 William Scholl (NJ)  
 2:42:35\* Gary Goettel (21, Ia)  
 2:42:35\* Gary Johnson (Ia)  
 2:42:37 William Giuliani  
 2:42:38 Orlando Martinez (25, NJ)  
 2:42:38 Anthony Reynoso (17, Cal)  
 2:42:39\* Jan Ahlberg (Ariz)  
 2:42:39\* Jim Ferris (25, NY)  
 2:42:39 Bob Zieminski (25, NY)  
 2:42:42 Steve Severensen (Minn)  
 2:42:44 James Kelly (19, NY)  
 2:42:44 David Larson (Conn)  
 2:42:50 Paul Freeman (Mass)  
 2:42:52 Park Barner (28, Pa)  
 2:42:54\* Frank Krebs (29, Cal)  
 2:42:58 Bill Gordon (37, NY)  
 2:42:58 Steve Lynch (NM)  
 2:42:59\* Bill Heideman (Ohio)
- 2:43:00 to 2:43:59**  
 2:43:00\* Peter Hanson (Cal)  
 2:43:00\* Tim Smith (Conn)  
 2:43:00 Frank Tymrak (Mich)  
 2:43:01 Jorge Casian (17)  
 2:43:01 Rudy Krause (17, Cal)  
 2:44:02 Mike Stine (26, Ind)  
 2:43:04 Mike Durham (16, Cal)  
 2:43:05 Don Gregory (18, Cal)  
 2:43:07\* Charles Dettman (Wisc)  
 2:43:10\* George Branam (41, Ind)  
 2:43:13\* Bill Keller (31, Mich)  
 2:43:13 Douglas Wood (Pa)  
 2:43:14\* Jim Habercorn (Cal)  
 2:43:14 Richard Warren (25, Md)  
 2:43:18\* Richard Krause (26, Mass)  
 2:43:22 Bruce Hyde

- 2:43:25\* Dave Waco (40, Cal)  
 2:43:28 Mike Devecka (Ore)  
 2:43:30\* Steve Kalso (Mass)  
 2:43:35 Robert Byrnes (18, NY)  
 2:43:35\* Ivan Torres (25, Mo)  
 2:43:36 David Faherty (27, NJ)  
 2:43:37 Mark Gardner (22, Cal)  
 2:43:38 Charles Collier (25, NY)  
 2:43:40 Wilf Brutsaert (37, NY)  
 2:43:40 Bruce Frederickson (34, NY)  
 2:43:40 Jose Garcia (22, Nev)  
 2:43:40 David Parker (41, Cal)  
 2:43:43\* Ronald Kay (26, Mass)  
 2:43:44 Len Suarez (23, NM)  
 2:43:45\* John Lacy (29, Ariz)  
 2:43:45\* Jim Varnau (Ind)  
 2:43:48\* Charles Parmalee (19, Ind)  
 2:43:49 Chester Fortier (38, Mass)  
 2:43:50\* Doug Beck (ND)  
 2:43:50\* Edward Strabel (Ga)  
 2:43:51 John Blair (27, Cal)  
 2:43:54\* Michael Kitchell (22, Ia)  
 2:43:56 Bob Congdon (26, NY)  
 2:43:56\* Louis Marovitch (Ill)  
 2:43:58\* Ken McCabe
- 2:44:00 to 2:44:59**  
 2:44:07\* Robert Arce (19, Cal)  
 2:44:10\* Tom Stoothoff (NY)  
 2:44:11\* Peter Fredrich (18, Cal)  
 2:44:14\* Bill Langen (Minn)  
 2:44:19\* Dennis Schmidt (Wisc)  
 2:44:20\* John Hale (31, Conn)  
 2:44:20 Stephen Milmore (NY)  
 2:44:21 John Cedarholm (29, Mass)  
 2:44:21 Robert Joseph (Mass)  
 2:44:30 Forrest Horton (DC)  
 2:44:33 Dan Shook (20, Ohio)  
 2:44:35\* Charles Keating (Mass)  
 2:44:35\* Malcolm Robinson (Ia)  
 2:44:37\* Kevin Mahoney (19, Wisc)  
 2:44:38\* Israel Robles  
 2:44:39\* Lupe Soliz (Cal)  
 2:44:45\* Greg Johnson (Ind)  
 2:44:50\* Romero Mendoza (Cal)  
 2:44:52 Irvin Merein (Cal)  
 2:44:54\* Bill Peck (Cal)
- 2:45:00 to 2:45:59**  
 2:45:01 Bennett Gerschman (30, NY)  
 2:45:14 Milan Mader (Minn)  
 2:45:15\* Jon Nolan (Ga)  
 2:45:16 Jim Hatcher (22, Idaho)  
 2:45:17 Barney Klecker (21, Minn)  
 2:45:18\* Don Pemberton (17, Cal)  
 2:45:19 Mervin Bryan  
 2:45:20 James Healy (19, Ore)  
 2:45:20 David Weinstock (17)  
 2:45:22 Don Jones (45, Cal)  
 2:45:22 Heinz Wiegand  
 2:45:23\* Dave Griffith (29, Minn)
- 2:45:25\* Frank Cortez (18, Cal)  
 2:45:26\* Steven Pusztay (Ohio)  
 2:45:30\* Paul Reese (55, Cal)  
 2:45:31 Paul Fetscher (26, NY)  
 2:45:32\* Tim Docheff (19, Wash)  
 2:45:32 Gary Long (Ind)  
 2:45:34 Ernie Cunliffe (34, Colo)  
 2:45:36 Don Tinnin (18, Cal)  
 2:45:40 Tom Flesch (17, Cal)  
 2:45:40\* Ed Kolasinski (Ill)  
 2:45:40 Gary Pierson (35, Ill)  
 2:45:44\* Gerard Fontaine (Vt)  
 2:45:44\* Gene Morgan (Alaska)  
 2:45:50 Ed Bowes (NY)  
 2:45:50 Vlastimil Zak (Ohio)  
 2:45:51 Ron Grander (18, Cal)  
 2:45:52\* John Rudberg (38, Cal)  
 2:45:53\* Ken Henry (16, Wash)  
 2:45:53\* Steve Norris (Mass)  
 2:45:53 Bill Wilbur (22, NY)  
 2:45:55 Larry Stone (18, Cal)  
 2:45:56 Michael McGarr (Ore)  
 2:45:58 Dan Schwepker (16, Cal)
- 2:46:00 to 2:46:59**  
 2:46:00 Sam Paris (34, Utah)  
 2:46:00\* Ed Walkwitz (22, Mont)  
 2:46:03 (Unidentified, Boston)  
 2:46:04\* Dale Aberle (Ga)  
 2:46:06 Kevin Crowley (Mass)  
 2:46:07\* Brian Brouillet (16)  
 2:46:08 John Kotsubka (Ill)  
 2:46:10\* John Aranjó (Jr, Cal)  
 2:46:10\* John Sheehan (18, Cal)  
 2:46:13 William Linse (27, Wisc)  
 2:46:16 Ted Corbitt (52, NY)  
 2:46:17\* Matthew Henderson (23, Wash)  
 2:46:31 Chris Luther (25)  
 2:46:22\* Harry Lone (Kans)  
 2:46:22\* Paul Mootz (Ohio)  
 2:46:23 Ronald Chase (Fla)  
 2:46:24 George Conefrey (Mass)  
 2:46:26 Lee Cohee (Fla)  
 2:46:29\* Phli Vitkus (19, Ill)  
 2:46:30\* Mark Nelsen (Minn)  
 2:46:33\* Gary Mumaw (18, Ind)  
 2:46:33 Bob Villasenor (22)  
 2:46:34\* David Watson (Ia)  
 2:46:35 Glenn Charboneau (Mass)  
 2:46:37 Allen Gilman (25, Minn)  
 2:46:37 Lee Holley (39, Cal)  
 2:46:38 Dillon Maier (37, NY)  
 2:46:39\* Tom Boone (35, Mass)  
 2:46:39\* Tomas Rodriguez (Cal)  
 2:46:42\* Gerry Garcia (NM)  
 2:46:48 David Santry (NY)  
 2:46:55 Richard Waltz (32, Wisc)  
 2:46:56 Charles Barone (35, Cal)  
 2:46:56 Harold Jackson (24, Ore)  
 2:46:56 Tom Spurney (18, Cal)  
 2:46:57 Bruce Caputo (18, Cal)

**2:47:00 to 2:47:59**

2:47:01 Randy Coffey (Jr, Tex)  
2:47:03\* Garrett Tomczak (Cal)  
2:47:06\* Horton Vander Griend (Mich)  
2:47:07\* Ralph Livingston (33, Ill)  
2:47:07 George Miller  
2:47:07\* Jerry Swartsley (31, Ore)  
2:47:09 Joe Browder (NC)  
2:47:09 Eric Groon  
2:47:09 Tony Keller (16, Ore)  
2:47:10 Gregor Klipan (Ohio)  
2:47:12 Jay Dirksen (27, SD)  
2:47:13 Russ Combs (29, NC)  
2:47:18\* Douglas Gates (Cal)  
2:47:18\* Mark Kittelson (Minn)  
2:47:20 Dave Stevenson (43, Cal)  
2:47:23 John Durland (Mass)  
2:47:27\* Neil Arnold (Conn)  
2:47:27\* Dave Winn (29, NY)  
2:47:29\* Steve Fiamengo (Jr, Cal)  
2:47:29\* Dave Zumwalt (Cal)  
2:47:30 Lee Cain (21, Cal)  
2:47:30\* Bill Fye (Ariz)  
2:47:31\* Augie Hirt (21, Kans)  
2:47:35 Dan Ayers (Mass)  
2:47:37 Paul Bennett (22, NJ)  
2:47:37 Brian Freeman (46, Cal)  
2:47:37\* Bill Gavaghan (20, Ind)  
2:47:37 Daniel Tejada (19, NY)  
2:47:39\* Alex Aguilar (Jr, Cal)  
2:47:39 Dave Bosley (18, Neb)  
2:47:40 William Benton (Mich)  
2:47:41\* Ralph Paffenbarger (49, Cal)  
2:47:42 Richard Bellis (Ark)  
2:47:43\* Louie Wagner (Ohio)  
2:47:49 Grover Prowell (18, Cal)  
2:47:49 John Reppy (41, NY)  
2:47:51 Duane Pitz (Mich)  
2:47:51 Patrick Rupel (Colo)  
2:47:53 Walter McConnell (NJ)  
2:47:53 Erwin Schneider  
2:47:54\* Curt Hoegh (Ia)  
2:47:54\* Ken Ziejewski (19, Ind)  
2:47:55 Eric Smith (28, NY)

**2:48:00 to 2:48:59**

2:48:00 Al Wick (39, Pa)  
2:48:03 Robert Coffey (40+, Tex)  
2:48:03\* Rick Sayre (Ohio)  
2:48:04 Doug Essary (27, Cal)  
2:48:04\* John Hardtla (35, Wash)  
2:48:05 Bruce Gibbs (34, Wash)  
2:48:05\* Al Meehan (30, Conn)  
2:48:05 Ramsey Thomas (28, Md)  
2:48:07\* Field Ryan (40, Wash)  
2:48:08 Gregory Beal (21, Cal)  
2:48:11 Eugene McMerriman (Conn)  
2:41:11\* Vic Weber (39, Cal)  
2:48:11\* John Whitehouse (36, Wisc)  
2:48:12\* Robert Schrader (33, Ill)  
2:48:15\* Jack Banek (Mich)

2:48:15 Scott Hamilton (44, Hawaii)  
2:48:15 John Skislak (23, NJ)  
2:48:17\* Harold Ketting (Jr, Cal)  
2:48:17\* Steven Nowacki (NY)  
2:48:17\* Walt van Zant (Cal)  
2:48:18 John Dockstader (NY)  
2:48:18 James Thomson (31, Ia)  
2:48:23\* Phil Fritz (Nebr)  
2:48:25 Skip Shaffer (33, Cal)  
2:48:26\* Jeff Schnell (Ohio)  
2:48:29 Mike Stansbery (19, Nev)  
2:48:32\* Rick Barbero (18, Nev)  
2:48:32 Lou Fritz (29, Nebr)  
2:48:35\* Carl Glatze (24, Wash)  
2:48:36\* Tom Bryant (Ohio)  
2:48:36 Michael Kenyon (Ill)  
2:48:38\* Alex Appelbaum (Mass)  
2:48:38 Gary Hardin (34, Tex)  
2:48:39 Steve White (Cal)  
2:48:41 (Unidentified, Boston)  
2:48:45 Jack Bellah (17, Cal)  
2:48:45\* Lou Markunus (Mass)  
2:48:46\* Glenn Johnston (NJ)  
2:48:47 Jerry Young (Mich)  
2:48:48 Joseph Duke (27, NJ)  
2:48:50 Leonard Hall  
2:48:50 Peter Mattei (47, Cal)  
2:48:50\* Joe Ranney (22, Ill)  
2:48:50\* Ronald Sterling (28, Ind)  
2:48:52 Eric Hyde (Mass)  
2:48:54\* Mike Durgovic (24, Mass)  
2:48:55\* William Schwab (33, Mass)  
2:48:55\* Scott Williams (17, Ill)  
2:48:58\* Gary Santti (Mich)  
2:48:59 Dennis Healy (32, Pa)

**2:49:00 to 2:49:59**

2:49:01 Jim Musgrave (27)  
2:49:08 Tony Morocco (17, Cal)  
2:49:08 Dave Reinhard (DC)  
2:49:09\* Ragnar Thanning (Cal)  
2:49:10\* James Ochse (Kans)  
2:49:10\* Bob Rosales (30, Kans)  
2:49:13 Paul Gorgen (18, Wash)  
2:49:14 David Lekites (Md)  
2:49:15\* Bob Godell (23)  
2:49:15\* Jerry Pierce (24, Ind)  
2:49:16 Logan  
2:49:16 Dean Shonts (25, NJ)  
2:49:17 Richard Dailey (41, Wash)  
2:49:19 Terry Habecker (24, NY)  
2:49:19\* Bob Monzingo (33, Cal)  
2:49:25 Steve Van Swearingen (21)  
2:49:26 Gary Nelson (NY)  
2:49:27 Jonathan Chaffee (Mass)  
2:49:27\* Dick Woelk (Cal)  
2:49:29 David Linton (Mass)  
2:49:30 Dave Donaldson (32, Cal)  
2:49:30\* Steve Walsh (Jr, Cal)  
2:49:32\* Walter Crawford (23, Ill)  
2:49:32\* Tom Majors



2:49:32 Jim McDade (30, NY)  
 2:49:33 Jeff Fetterman (17, Okla)  
 2:49:33 Dale Keenan (Pa)  
 2:49:34 Terry Lewis (20, Okla)  
 2:49:36 Denny Martinson (27, Ind)  
 2:49:37\* Mark Baum (Cal)  
 2:49:37 Conrad Eroen (43, Cal)  
 2:49:38 Richard Steiner (52, Cal)  
 2:49:39 Brent Weigner (Colo)  
 2:49:40 Dave Hoaglund (Colo)  
 2:49:41 Tevis Herd (29, Tex)  
 2:49:42\* David Anderson (Minn)  
 2:49:44\* Doug Sailors (30, Cal)  
 2:49:50 Marcus Davis (24, Cal)  
 2:49:50 Martin Duffy (31, Pa)  
 2:49:51 Jeffry Myers (Ohio)  
 2:49:55\* Jim Ackley (21, Ohio)  
 2:49:57 Jim McPeak (17, Cal)  
**2:50:00 to 2:50:59**  
 2:50:00\* Don Peterson (38, Cal)  
 2:50:01\* Robert Jensen (24, Utah)  
 2:50:02\* Brian Jeffs (Nebr)  
 2:50:02 Tom Osler (31, NY)  
 2:50:05\* Bill Mullen (24)  
 2:50:05 Roger Pekuri (22, Mich)  
 2:50:05 Tim Wolfe (14, Ore)  
 2:50:06 Dan Grace (34, Conn)  
 2:50:07\* Bill Seville (Mass)  
 2:50:09\* Ron Redfield-Lyon (21, NY)  
 2:50:10\* Tom Shaw (Ohio)  
 2:50:10 Al Summerville (21, Pa)  
 2:50:13 Mike Neal (40, Nev)  
 2:50:14 Walter Hensley (31, Ore)  
 2:50:15\* John Perry (17, Ky)  
 2:50:16\* David Veunten (17)  
 2:50:17\* Ed Cleveland (17, Cal)  
 2:50:20\* John Watts (17)  
 2:50:22\* Calvin Dallas  
 2:50:22\* Rollie Olivier (Minn)  
 2:50:22\* Tim Wright (Cal)  
 2:50:23 Daniel Larson (Conn)  
 2:50:24 John Arangundi (NY)  
 2:50:25\* Chris Haines (Alaska)  
 2:50:28 Gordon Bowman (17, Wash)  
 2:50:28\* Charles Gerster (Ohio)  
 2:50:29\* Carl Owczarzak (31, Kans)  
 2:50:30 Dewitt Paul (38, NJ)  
 2:50:34 Ron Hebert (Ore)  
 2:50:34 Ken Hurst (20, Cal)  
 2:50:35 Jorge Rosales  
 2:50:36 Glenn Jewell (17, Cal)  
 2:50:38 Robert Caplin (22, Conn)  
 2:50:38\* Jim Meade (27, NY)  
 2:50:38 Byron Mundy (24, Pa)  
 2:50:41\* Tom Morrison (28, Wash)  
 2:50:41 Perry Taylor (Ark)  
 2:50:43\* Karl Kule (Ohio)  
 2:50:45\* Robert Alejandro (Ariz)  
 2:50:45\* Phil Stewart (22, Minn)  
 2:50:46 John Lafferty (54, Cal)  
 2:50:48 Bennett Beach (NY)  
 2:50:50 Steve Grotsky (28, NY)  
 2:50:51\* Mike O'Callaghan (Ariz)  
 2:50:53\* Frank Ittelman (Vt)  
 2:50:53 Brian Savilonis (Mass)  
 2:50:57 Bob Harper (Md)  
 2:50:59\* James McGrath (19, Ill)  
**2:51:00 to 2:51:59**  
 2:51:00\* Jim Eicken (15, Ill)  
 2:51:05 Robert Buell (27, Ore)  
 2:51:05 Steve Gachupin (29, NM)  
 2:51:07 Jeffrey Freed (Pa)  
 2:51:09 Kevin Furlong (18, Cal)  
 2:51:15\* Kyle Heffner (Jr, Tex)  
 2:51:15\* Albert Kimball (35, Mass)  
 2:51:15 Mike Nichols (Mo)  
 2:51:16 Mike Bergkamp (18, Cal)  
 2:51:16\* Rex Brenton (17)  
 2:51:16\* David Reinke (25, Ind)  
 2:51:16 Guy Yoe (Tenn)  
 2:51:17 David Elger  
 2:51:20\* Gene Fitzgerald (Cal)  
 2:51:20\* Philip Taul (Fla)  
 2:51:21\* Lynn Capen (Vt)  
 2:51:21 Simon McNamee (Tex)  
 2:51:25 Don Crank (24, Fla)  
 2:51:27 Jerry Gosner  
 2:51:29 Rich Priest (19, Cal)  
 2:51:30\* Karl Furstenberg (27, Mass)  
 2:51:30\* Tim Harry  
 2:51:32 Michael Naples (26, Pa)  
 2:51:34\* Ron Gayer (30, Ill)  
 2:51:35\* Melvin Campbell  
 2:51:35\* Jim Lambe (Mich)  
 2:51:36 Don Castricone  
 2:51:36\* Rodney Nealy (Jr, Cal)  
 2:51:36\* Mark Stender (19, Ohio)  
 2:51:38 James Russell (21, Ore)  
 2:51:39\* Victor Sasuga (Jr, Cal)  
 2:51:41\* Jerome Madler (30, Ill)  
 2:51:42\* Scott Langille (Conn)  
 2:51:43 Ernest Hayman (37, Cal)  
 2:51:43\* Bob Wiese (22, Ia)  
 2:51:45\* Tom Pinter (29, Ia)  
 2:51:45 Alphonse Ruffner (Mich)  
 2:51:46 Bob Wrenn (20, NC)  
 2:51:47 Mike Spence (19, Colo)  
 2:51:49 Stephen Morris  
 2:51:50\* Randall Derifield (Ohio)  
 2:51:50 Herbert Parsons (Mass)  
 2:51:52 Carl Westberg (Conn)  
 2:51:55 Tom Rachubinski  
 2:51:57\* Jim Edwards (27, Ohio)  
 2:51:58\* Ken Klipp (22, Ill)  
 2:51:59 Bruce Jilson (Mass)  
**2:52:00 to 2:52:59**  
 2:52:02 Charles Hanson (43, Mass)  
 2:52:03 Larry Grecian (Jr, Kans)  
 2:52:03 Kenneth Kloes

2:52:07 Lee Ferrero (Cal)  
 2:52:07 Jeff Propert (NJ)  
 2:52:12 Bob Barbero (Wash)  
 2:52:12 David Gillett (Tex)  
 2:52:13 Francis Maher (Mass)  
 2:52:13\* Des O'Neill (32, Cal)  
 2:52:14\* Jack Castner (Fla)  
 2:52:15 Norman Alsobrook (41, Tex)  
 2:52:17 James Roberts (Mass)  
 2:52:18\* Andy Ryan (17)  
 2:52:20\* Nat White (31, Ariz)  
 2:52:21 Michael Just (21, Tex)  
 2:52:24 Ernie Martinez (17)  
 2:52:25 Robert Guyan (40, Cal)  
 2:52:25 Jan Nyboer  
 2:52:26 Jesus Penilla (20)  
 2:51:29\* John Christian (Minn)  
 2:52:29 Kenneth Dawson (Mass)  
 2:52:30\* Chip Greendale (17)  
 2:52:31\* Arnold Jackson (17, Ill)  
 2:52:33 Marvin Campbell (33, Ore)  
 2:52:34 Jerry Smartt (40, Cal)  
 2:52:34 Wayne van Dellen (34, Cal)  
 2:52:35\* Jim Kauble (30, Ore)  
 2:52:36\* Keith Burrows (Cal)  
 2:52:36\* Mike Cychos (Wisc)  
 2:52:38\* Bill Bredenbeck (33, Ohio)  
 2:52:38 Tim Dobratz (Ore)  
 2:52:39\* Al Brodzik (42, Ill)  
 2:52:40 Denny Mathews (26, Cal)  
 2:52:41 James Smith (Mass)  
 2:52:46 Hal Harkness (33, Cal)  
 2:52:50 DeNorris Bradley (NC)  
 2:52:50 Kenneth Rolston (20, NY)  
 2:52:52\* Allan Rensen (16, Cal)  
 2:52:54\* Bill Page (Kans)  
 2:52:55\* Jan Frizby (Cal)  
 2:52:55 Fran Fullam (20, NY)  
 2:52:55\* Eric Lewis (25, Ore)  
 2:52:55 Frank Wick (39, Pa)  
 2:52:57\* Greg Gustafson (17)  
 2:52:57 Thomas Wilson (Mass)  
 2:52:59\* Bob Bruner (31, Cal)  
 2:52:59 Jack Pottle (18, Colo)

**2:53:00 to 2:53:59**

2:53:00 Duane Frederick (Va)  
 2:53:00\* Dan Hildebrand (Ia)  
 2:53:00\* Larry Shipman (Ariz)  
 2:53:02 Louis Naeger (Mo)  
 2:53:03 Thomas Dickinson (30, Wash)  
 2:53:05\* Bob Carman (41, Cal)  
 2:53:06\* Bob Hunnerdosse (Mo)  
 2:53:07\* Dick Bartek (39, Cal)  
 2:53:07\* Vern Houseman (24, Ia)  
 2:53:10\* Gary Graf (Ohio)  
 2:53:10\* Rudy Snyders (Jr, Cal)  
 2:53:11\* Dan Hubler  
 2:53:13 Dennis Driscoll (21, NY)  
 2:53:13\* David Sprandel (Ohio)  
 2:53:14\* Tim Boblemaire

2:53:15 Art Dudley (24, Cal)  
 2:53:15 Mike Murray (44, Cal)  
 2:53:15 William Rice (20, Utah)  
 2:53:16 Les Kinion (36, Md)  
 2:53:23\* Jack Bannick (Mich)  
 2:53:24 Harold Gale (Conn)  
 2:53:25\* Ricky Jensen (Cal)  
 2:53:25\* Fred Stetler (Ohio)  
 2:53:26 John Rayburn (36, Ohio)  
 2:53:27 Roy Cobb (Ohio)  
 2:53:28\* Wolfgang Goubou (27, NY)  
 2:53:29\* Dike Stirrett (23, Ill)  
 2:53:31\* Leroy Chavez (19, NM)  
 2:53:33 Al Carroll (Tex)  
 2:53:33 Danny Merritt (19, NC)  
 2:53:33\* James Nicholson (40+, Cal)  
 2:53:37\* Paul Griffin (Mich)  
 2:53:37 Brian Harrington (Tex)  
 2:53:38 Richard Cebilaki (15)  
 2:53:38 George Milligan (NJ)  
 2:53:38\* Harry Welles (Conn)  
 2:53:40 Kenneth Bellor (Mich)  
 2:53:43\* Niles Batdorf (20, Ill)  
 2:53:45\* James Criner (Pa)  
 2:53:45 Jack Minter (Cal)  
 2:53:45 Frederick Whaley (20, Ky)  
 2:53:46 Robert Fieser (18, Wash)  
 2:53:48 Charles Cottle (Tex)  
 2:53:48 Charlie Payne (Md)  
 2:53:49\* Bob O'Connell (23, Ill)  
 2:53:52 James Kelp (28, Cal)  
 2:53:53\* Tony Garcia (Cal)  
 2:53:53\* Topper Powers (18, Ind)  
 2:53:54 Robert McKelvey (Vt)  
 2:53:56 Harry Berkowitz (32, NY)

**2:54:00 to 2:54:59**

2:54:00\* Ignacio Montez (Hawaii)  
 2:54:01 Peter Brill (NJ)  
 2:54:01\* Lonnie Kleisner (20, Ill)  
 2:54:01 Pat Leahy (Wisc)  
 2:54:04 Rick Spavins (25, Cal)  
 2:54:06 Mark Parish (Wisc)  
 2:54:06 Dan Schulgasser (NJ)  
 2:54:08 Dean McComb (18, Cal)  
 2:54:11 William Stuart (25, Ore)  
 2:54:14 Dick Cordone (22, Cal)  
 2:54:16\* Karl Larson (50, Ia)  
 2:54:17 Thomas Bleakley (Mich)  
 2:54:18\* Alex Ratelle (48, Minn)  
 2:54:19 Paul Zulak (18, NY)  
 2:54:21\* David Lund (Cal)  
 2:54:21\* Ron Young (Jr, Cal)  
 2:54:27 Gregory Gibson (Mass)  
 2:54:27\* Charles Sprandel (Ohio)  
 2:54:29\* Don Chaffee  
 2:54:29\* Thomas Cory (Cal)  
 2:54:29 Scott McWilliams  
 2:54:29 Mike Menchaca (18, Wash)  
 2:54:35 Ed Jerome (28, Ind)  
 2:54:35\* Ralph Stadelman (Mich)

2:54:36\* Don MacIntosh (40, Cal)  
 2:54:37\* Pete Hildebrand (27, Ill)  
 2:54:42\* Gary Burfoot (Conn)  
 2:54:42 Joe Burgasser (Cal)  
 2:54:44 Ron McDonald (Ark)  
 2:54:45 Bill Ward (21, Okla)  
 2:54:46 Stephen Kling (38, NY)  
 2:54:47 James Oleson (54, Cal)  
 2:54:47\* Bob Ream (Kans)  
 2:54:47 Don Todard (20, Mo)  
 2:54:48 Raymond Currier (NH)  
 2:54:58\* Rudy Zingler (32, NY)  
 2:54:59\* Robert Ludwig (Mass)  
**2:55:00 to 2:55:59**  
 2:55:00 George Croitori (Mich)  
 2:55:00\* Don Granberg (30, Mo)  
 2:55:00 Lynn Kitchen (Tex)  
 2:55:02 Joel Bowman (14, Wash)  
 2:55:02 Seth Bowman (13, Wash)  
 2:55:06\* Steven Sutherland (17)  
 2:55:07 Thomas Stacey (17, Wash)  
 2:55:07 Kent Wehmeyer (17, Wash)  
 2:55:11\* Mike Hagmeier (14)  
 2:55:11\* John Kittelson (Jr, Cal)  
 2:55:11 Richard Westbrook (Fla)  
 2:55:13\* Gary Childs (17, Ill)  
 2:55:13\* Monty Montgomery (65, Cal)  
 2:55:14\* Jim Dunne (47, Wash)  
 2:55:14\* Bill O'Dell (40+, Cal)  
 2:55:17 Greg Brown (16, Cal)  
 2:55:17 Bernard Kapell (45, NY)  
 2:55:19 David Zimmerman (Mass)  
 2:55:21 Darryl Byler (Va)  
 2:55:23\* Steve Dubin (Jr, Cal)  
 2:55:25 Steve Stephenson (41, Ariz)  
 2:55:26 Joe Konarkowski (NJ)  
 2:55:28 Ron Notvest (17, NJ)  
 2:55:30\* Bob Clarizia (29)  
 2:55:31 James Lee (NY)  
 2:55:32 Mark Dowling (20, Cal)  
 2:55:35\* Nat Cirulnick (42, NY)  
 2:55:40\* David Hult (34)  
 2:55:41\* Walter Churchill (Ohio)  
 2:55:42 James Beach (Tenn)  
 2:55:42 Ray Darwin (31, Cal)  
 2:55:44\* Cheryl Bridges (24, Cal)  
 2:55:45\* Teri Anderson (18, Kans)  
 2:55:45 Joe Werner (Kans)  
 2:55:46 Sam Costa (Ill)  
 2:55:50 Myron Bigelow (Mass)  
 2:55:57\* Richard Gustafson (35)  
 2:55:57 James Harrison (Md)  
 2:55:59 James Johnson (NJ)  
 2:55:59\* Gordon Schafer (37, Mich)  
**2:56:00 to 2:56:59**  
 2:56:02\* Rich Peterson (Cal)  
 2:56:02\* Arthur Pratt  
 2:56:03 Jerome Adams (33, Mo)  
 2:56:03 Jay Bowerman (Ore)  
 2:56:03 Grady Frank (Tex)  
 2:56:03\* Gary Fredrickson (29, Wash)  
 2:56:03 Pat Malloy (37, NY)  
 2:56:05 Marshall Childs (39, NY)  
 2:56:07 Ira Luke (Md)  
 2:56:08 Alan Gratch (47, NY)  
 2:56:10\* Jim Thomas (Ia)  
 2:56:11 (Unidentified, Boston)  
 2:56:12 Phil Heath (Mass)  
 2:56:13\* Michael Chan (Cal)  
 2:56:14\* Owen Gorman (42, Cal)  
 2:56:14\* William Smith (Conn)  
 2:56:15\* Paul Mendez (Jr, Cal)  
 2:56:15 Brian Minihan (Mich)  
 2:56:15\* Joe Torres (Jr, Cal)  
 2:56:17\* David Datsko (Ohio)  
 2:56:17 Warren Smith (32, Nev)  
 2:56:19 Clayton Bristol (22, Conn)  
 2:56:20 Bob Reinertsen (29, NY)  
 2:56:26\* Rick Burdick (29, Wisc)  
 2:56:26\* Hugh Flinders (18, Ill)  
 2:56:26\* William MacKenzie (20)  
 2:56:31 Joe Burns (43, NY)  
 2:56:31\* Joe Conaway (16, Ind)  
 2:56:31 Harry Hill (28)  
 2:56:32 Dan Moore (30, NJ)  
 2:56:32 John Stowers (Tex)  
 2:56:33 James Gallagher (RI)  
 2:56:35 John Hurley (34, NY)  
 2:56:36 Ford Calhoun (37, NC)  
 2:56:37 Peter Jones (Conn)  
 2:56:38 Frank Ratti (22, NJ)  
 2:56:38\* Wendall Sullivan  
 2:56:39 Randy Cook (23, Kans)  
 2:56:41\* Herbert Cross (38)  
 2:56:41\* Jim Van Manen (Cal)  
 2:56:43\* Stan Dickinson (19, NY)  
 2:56:43 Peter Soutullo (La)  
 2:56:46\* Vin Fandetti (40+, Mass)  
 2:56:46\* Karlton Naylor (Kans)  
 2:56:46 Frank Takish (Mich)  
 2:56:48\* Rudy Hernandez (Cal)  
 2:56:49\* Brian Horman (17)  
 2:56:52 Bill Rogers (Cal)  
 2:56:52\* Donald Stanley (Ga)  
 2:56:52\* Glenn Vanderlinde (42, Cal)  
 2:56:53 Charles Gibson (48, Tenn)  
 2:56:53 Bob Stout (44)  
 2:56:54 Rodney Steele (Va)  
 2:56:55 Robert MacDougall (Va)  
 2:56:56 Frank McCabe (54, Colo)  
 2:56:57 James Knight (Mass)  
 2:56:57 Owen Paris (NY)  
 2:56:58 Syl Pascale (NY)  
**2:57:00 to 2:57:59**  
 2:57:00 Jim Gallon (32, Cal)  
 2:57:02\* Tom Edwards (15, Cal)  
 2:57:02 Louis Wannemacher (Pa)  
 2:57:06 Alan Johnson (NJ)



2:57:07 William Adams  
 2:57:07 Dennis Stevenson (Fla)  
 2:57:07 Gerry Vincent (41, Colo)  
 2:57:08\* Bill Marten (36, Wisc)  
 2:57:08 Harold Ward (DC)  
 2:57:09\* Dave Erler (Minn)  
 2:57:09 William Thornhill (Mass)  
 2:57:10 Tom Blake (17, Cal)  
 2:57:10 Chris Doyle  
 2:57:10 Joe Henderson (28, Cal)  
 2:57:10 Tim Nuppert (19, Wash)  
 2:57:11\* Guy Genung (17, Cal)  
 2:57:11 Frank Handelman (26, NY)  
 2:57:14 Ed Bouldin (24, Cal)  
 2:57:17 Brad Roberts (Mass)  
 2:57:20\* Gordon Bess (Ill)  
 2:57:20 Jim Campbell (42, Cal)  
 2:57:23 Dan Benavidez (35, Colo)  
 2:57:23 Mike Wade (20, Cal)  
 2:57:25 Dave Muek (19, Cal)  
 2:57:25 Tom Talley (17, Cal)  
 2:57:26 Tom Pinckard (34, Cal)  
 2:57:26\* Bill Snavely (40, Cal)  
 2:57:26 Joseph Vance (41, Wash)  
 2:57:26 Territ Wilson (Pa)  
 2:57:27\* Nick Tsanges (Ohio)  
 2:57:28\* Tony Buelna (Cal)  
 2:57:30\* Bruce Goodchild (25, Mass)  
 2:57:30 Don Lindaur (NY)  
 2:57:30\* Joe Schrag (Kans)  
 2:57:31 John Pfalzgraf (Pa)  
 2:57:32\* Allen Hoffman (30)  
 2:57:34\* Pat Mulrooney (Wisc)  
 2:57:35 Charles Ford (Ky)  
 2:57:37\* Berry Crawford (35, Utah)  
 2:57:37\* Dan Woodward  
 2:57:41 Robert Bartling (SD)  
 2:57:42\* Eugene Foster (Okla)  
 2:57:44 Ralph Scoles (Ind)  
 2:57:44\* Lawrence Vorwerk (Ia)  
 2:57:46 Wayne Lucas (20, Conn)  
 2:57:46\* Benjamin Watta (Cal)  
 2:57:47 George Nichols (Ohio)  
 2:57:47 Herb Weisheit (42, Cal)  
 2:57:48 Edward Dodd (Pa)  
 2:57:50 Bart Kellum (NC)  
 2:57:51\* Tom Anderson (Kans)  
 2:57:51\* Tom Parr (19, Ill)  
 2:57:54 Vaughn Meyers (35, Nev)  
 2:57:56\* George Schobel (30, Mass)  
 2:57:57\* John Joyce (27, Ill)

**2:58:00 to 2:58:59**  
 2:58:00\* Darald Berg (Neb)  
 2:58:01 Kevin Fox (16, Cal)  
 2:58:01\* John Pittale (Conn)  
 2:58:01\* Steve Weiss (Ill)  
 2:58:02\* Mark Gallagher  
 2:58:06 John Winslow (DC)  
 2:58:07 Doug Miner (17, Cal)  
 2:58:07\* Jairo Scruggs

2:58:07\* John Slade (28, NY)  
 2:58:10 Randall Milstead (Tex)  
 2:58:14 Bill Callahan (23, Okla)  
 2:58:14\* Chuck Stagliano (Cal)  
 2:58:16 Tom Antezak (Ill)  
 2:58:16 James Dow (Mass)  
 2:58:16 Jack Jamieson (38, Cal)  
 2:58:17\* Antonio Rael (NM)  
 2:58:19 Dan Baszler (16, Ore)  
 2:58:19\* Tim Nisley  
 2:58:24 Steve McGregor (20, Tex)  
 2:58:24 Byron Potts (41, Cal)  
 2:58:26\* Terrence Krall (Wisc)  
 2:58:27\* William McCary (Cal)  
 2:58:28\* Larry Oliver  
 2:58:29 Donato Balsamo (33, NY)  
 2:58:29 William Saville (Mass)  
 2:58:30\* Steve McLean (Cal)  
 2:58:31\* Paul Koski  
 2:58:32\* Dave Kelley (19, Mich)  
 2:58:32 Frank Spinella (NJ)  
 2:58:34 Phil Heit (28, NY)  
 2:58:35\* Jim Simonik (18, Ill)  
 2:58:36 Neill Miner (Me)  
 2:58:36\* (Unidentified, San Fran)  
 2:58:37 David Hans (21, Cal)  
 2:58:38 Stephen Palos (18, NY)  
 2:58:39\* Rick Stetson (Ala)  
 2:58:41\* Dave Brown (Pa)  
 2:58:44\* Randy Landheer (Mich)  
 2:58:47\* Jerry Hering (17)  
 2:58:47 Robert Ingalls (37)  
 2:58:49 Frederick Gordon (25, NY)  
 2:58:50 Bill Hammer (17)  
 2:58:50 Robert Johnson (19, Wash)  
 2:58:51\* Tom Kempf (48, Okla)  
 2:58:56 Wayne Zook (55, Cal)  
 2:58:57 Tom Baum (40, NJ)  
 2:58:59\* Lee Wilcox (34, Wisc)

**2:59:00 to 2:59:59**  
 2:59:00 Carey von Tidwell (32, Tex)  
 2:59:01\* Raymond Temple (Ariz)  
 2:59:02\* Jim Allen (Cal)  
 2:59:02 Charles Davey (40+, Mich)  
 2:59:03\* Bill Flint (Cal)  
 2:59:03 Hubert Morgan (50, Pa)  
 2:59:04\* Eugene Slawinski (Ill)  
 2:59:06 Richard Barnes  
 2:59:06\* Keith Ottoson (Minn)  
 2:59:07 David Hargus (12, Cal)  
 2:59:09 Dennis Lund (19, Cal)  
 2:59:11\* Ron Piro (18, Ill)  
 2:59:14 Peter Sinnott (22, Nev)  
 2:59:15 Ray Morrison  
 2:59:16 Clair Paine (Mass)  
 2:59:17 Neal Picken (Tex)  
 2:59:19 Charles Garster (Ohio)  
 2:59:19 John Hepner (40, Ore)  
 2:59:19 Mike McDonnell (30, Okla)  
 2:59:20 John Wallace (45, Mass)

2:59:21 Terry Ritchie (17)  
 2:59:21 Terry Speer (Cal)  
 2:59:22 Robert Getzen (26, Ha)  
 2:59:24 Gerry Goodenote (NY)  
 2:59:24\* Phil Kroner (16)  
 2:59:24\* Caryl Olson (18)  
 2:59:28 Perry Longaker (Mass)  
 2:59:29\* Tom Doehler (22, NY)  
 2:59:30 Bill Hargus (50, Cal)  
 2:59:30 Frank McEwen (NY)  
 2:59:30 Jerry Smith (NJ)  
 2:59:31\* J.V. Barry (Pa)  
 2:59:33\* Lloyd Giddings (40+, Cal)  
 2:59:33 Paul McSorley (42, Pa)  
 2:59:35 Steven Bradshaw (17, Cal)  
 2:59:37 John Gareck (15)  
 2:59:38\* (Unidentified, Palos V)  
 2:59:39\* Stuart Ruth (Cal)  
 2:59:39\* William Cherry (22)  
 2:59:39 John Kurtz (27, Cal)  
 2:59:40\* Michael Cattell (17, Wash)  
 2:59:41\* Mike Unger (Neb)  
 2:59:43 Nina Kuscsik (33, NY)  
 2:59:44 Alan Pollard (Jr, Cal)

2:59:45\* Joe Carlino (20, Mass)  
 2:59:45 David Crow (Md)  
 2:59:45 Rudiger Klein (Ark)  
 2:59:45 (Unidentified, Boston)  
 2:59:47 Bill Index (25, NY)  
 2:59:47 Tom McCandless (19, Cal)  
 2:59:47 Daniel Sheeran (45)  
 2:59:48 Bennett Jones (Mass)  
 2:59:48\* William Wilson (Pa)  
 2:59:50 Daniel Callahan (21, Cal)  
 2:59:50 Thomas White (Fla)  
 2:59:52 Sid Gendin (Mich)  
 2:59:52\* William Lindesmith (24)  
 2:59:53 Dennis Branham (Fla)  
 2:59:54\* Derck Frechette (27, NY)  
 2:59:54\* Ken Peterson (Cal)  
 2:59:55 Lloyd Geggatt (Mass)  
 2:59:55\* Mark Kainz (17)  
 2:59:56\* Gary DeWitt (Cal)  
 2:59:56 James Lilliefors (DC)  
 2:59:57\* Gary Cary (Ariz)  
 2:59:58\* Chip Nettles (Jr, Cal)  
 2:59:58\* Bob Thomas



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by *Norm Patenaude*

# CANADIAN MARATHONING

Although Canadian marathoners had their problems—not of their own making—in 1972, they still had one of the best years ever. No one went to the Olympics because the ruling body imposed a 2:17 qualifying standard then messed up on the measurement of the Trials course. It was one kilometer (about 1100 yards) too long.

But 15 Canadians ran under 2:30 during the year, compared to 13 in 1971. Brian Armstrong did 2:18s twice within six weeks. The country's overall depth was exceptional.

The all-time list here corrects a number of omissions made previously.

\*=times made on the 26.8-mile Olympic Trials course this past year.

These are marks received by mid-December. Others may appear in the supplement at the back of the booklet.

## ALL-TIME NATIONAL LIST

NAME (AGE)	TIME	SITE	DATE
1. Jerome Drayton (24)	2:11:12.2	Fukuoka, Japan	7 Dec 69
2. Jerome Drayton (24)—2	2:12:00	Detroit, Mich.	19 Oct 69
3. Bob Moore (29)	2:16:53.6	Fukuoka, Japan	7 Dec 69
4. Andy Boychuk (27)	2:17:50	Dundas, Ontario	23 Jun 68
5. Andy Boychuk (25)—2	2:18:17	Boston, Mass.	19 Apr 67
6. Andy Boychuk (30)—3	2:18:34	Werribee, Australia	Sep 71
7. Andy Boychuk (20)—4	2:18:45	Edinburgh, Scotland	23 Jul 70
8. Brian Armstrong (24)	2:18:46	Detroit, Mich.	22 Oct 72
9. Brian Armstrong (24)—2	2:18:54	Culver City, Calif.	3 Dec 72
10. Andy Boychuk (29)—5	2:18:54.8	Toronto, Calif.	24 Aug 70
11. Bob Moore (28)—2	2:18:55	Toronto, Ontario	20 Aug 69
12. Ron Wallingford (32)	2:19:24	St. Hyacinthe, Que.	4 Sep 66
13. Bob Moore (29)—3	2:19:30	Toronto, Ontario	24 Aug 70
14. Ron Wallingford (35)—2	2:19:34.4	Dundas, Ontario	23 Jun 68
15. Dave Ellis (28)	2:19:47	Boston, Mass.	19 Apr 66
16. Bob Moore (29)—4	2:20:07	Boston, Mass.	20 Apr 70
17. Bob Moore (29)—5	2:20:47	Edinburgh, Scotland	23 Jul 70
18. Ron Wallingford (30)—3	2:20:51	Boston, Mass.	20 Apr 64
19. Andy Boychuk (29)—6	2:21:06	Boston, Mass.	20 Apr 70
20. Ron Wallingford (37)—4	2:21:13	St. Johns, Newf.	20 Jun 71
21. Peter Lever (26)	2:21:19	Detroit, Mich.	22 Oct 72
22. Ron Wallingford (31)—5	2:21:27	Detroit, Mich.	25 Nov 65
23. Bob Moore (28)—6	2:21:28	Boston, Mass.	21 Apr 69
24. Bob Moore (31)—7	2:21:43	Detroit, Mich.	22 Oct 72
25. Brian Armstrong (23)—3	2:21:49	Detroit, Mich.	17 Oct 71



26. Gordon Dickson (26)	2:21:50	Hamilton, Ontario	14 May 58
27. Wayne Yetman (22)	2:22:13	Antwerp, Belgium	30 May 69
28. Ron Wallingford (30)—6	2:22:18	St. Hyacinthe, Que.	6 Sep 64
29. Paul Pearson (25)	2:22:22	Detroit, Mich.	22 Oct 72
30. Wayne Yetman (23)—2	2:22:32	Boston, Mass.	20 Apr 70
31. Ron Wallingford (31)—7	2:22:39	Holyoke, Mass.	13 Jun 65
32. Ray Will (31)	2:22:47	Dartmouth, N.S.	1969
33. Dave Ellis (26)—2	2:22:49	Boston, Mass.	20 Apr 64
34. Garry Harrison (33)	2:22:53	Seaside, Ore.	27 Feb. 71
35. Andy Boychuk (26)—7	2:23:02	Winnipeg, Manitoba	4 Aug 67
36. Morris Aarbo (30)	2:23:06	Las Vegas, Nev.	21 Jan 67
37. Jerome Drayton (25)—3	2:23:08	Detroit, Mich.	18 Oct 70
38. Jerome Drayton (27)—4	2:23:13*	Montreal, Quebec	25 Jun 72
39. Garry Harrison (32)—2	2:23:18	Boston, Mass.	20 Apr 70
40. Ron Wallingford (31)—8	2:23:26	Boston, Mass.	19 Apr 65
41. Ron Wallingford (36)—9	2:23:30	Toronto, Ontario	20 Aug 69
42. Brian Armstrong (23)—4	2:23:43*	Montreal, Quebec	25 Jun 72
43. Jerome Drayton (23)—5	2:23:57.4	Detroit, Mich.	2 Jun 68
44. Gordon Dickson (27)—2	2:24:04	Boston, Mass.	Apr 59
45. Tom Howard (25)	2:24:08	Vancouver, B.C.	27 May 72
46. Andy Boychuk (29)—8	2:24:14	Detroit, Mich.	18 Oct 70
47. Garry Harrison (32)—3	2:24:18	Seaside, Ore.	28 Feb 70
48. Andy Boychuk (27)—9	2:24:22	Detroit, Mich.	2 Jun 68
49. Ron Wallingford (34)—10	2:24:25	Las Vegas, Nev.	21 Jan 67
50. Jack Burnett (31)	2:24:28	Vancouver, B.C.	16 Jun 68

**Note:** Jerome Drayton ran 2:16:11 in 1968, but in a non-sanctioned race paced by a relay team! Brian Armstrong had a 2:21:15.4 in 1972 with similar pacing. Neither time is included here.

#### OTHER SUB-2:30'S

2:24:33	John Cliff (27) 1970
2:24:41	Norm Patenaude (26) 1971
2:24:53	John Mowatt (25) 1972
2:25:28	Bruce Shaw (26) 1972
2:25:45	Paul Hoffman (24) 1966
2:25:55	Wolf Schamberger (26) 1972
2:26:02	Bill Allen (32) 1964
2:26:35	Doug Scorrar (23) 1971
2:27:22	Art Taylor (44) 1971
2:27:41	Darrell Frank (20) 1972
2:28:09	Brian Drewett (28) 1969
2:28:21	Charlie Thorne (23) 1971
2:28:25	Gerard Cote (29) 1943
2:28:51	Bob Fahy (28) 1970
2:28:53	Bob Kochan (23) 1971
2:29:20	Jim Haddow (38) 1967
2:29:53	Charles Pell 1964

## 1972 NATIONAL LIST

#### SUB-2:30

2:18:46	Brian Armstrong (24, Ont)
2:21:19	Peter Lever (26, Ont)
2:21:43	Bob Moore (31, Ont)
2:22:22	Paul Pearson (25, Ont)
2:23:13*	Jerome Drayton (27, Ont)
2:24:08	Tom Howard (25, BC)
2:24:53	John Mowatt (28, Ont)
2:25:28	Bruce Shaw (26, BC)
2:25:29	Garry Harrison (34, BC)
2:25:55	Wolf Schamberger (26, BC)
2:27:04	Doug Scorrar (Ont)
2:27:41	Darrell Frank (20, Ont)
2:27:44*	John Cliff (29, BC)
2:27:53	Ron Wallingford (38, Ont)
2:27:59	Jack Burnett (35, BC)
2:28:35	Norm Patenaude (26, Ont)

**2:30-2:39**

2:30:03 Jack Taunton (24, BC)  
 2:31:08 Michael Graham (24, Sask)  
 2:31:35\* Bill Britten (18, Ont)  
 2:32:20 Bill Herriot (31, Alta)  
 2:32:30 Bill Allen (40, Ont)  
 2:32:51 Gerald Teal (28, Ont)  
 2:33:04 Morris Aarbo (35, Alta)  
 2:34:19 Robert Taylor (31, BC)  
 2:34:26 John Doyle (35, Ont)  
 2:34:38 Herb Monck (34, Ont)  
 2:36:00 William Hopkins (30, Ont)  
 2:36:02 Dave Landriault (21, Alta)  
 2:36:07 Dennis Conveney (40, BC)  
 2:36:18 Adrian Jones (23, BC)  
 2:36:20 Richard Pyne (25, Que)  
 2:36:24 Graham Laughlin (21, BC)  
 2:37:46 Lorne Buck (38, Ont)  
 2:37:54 Hubert Hendrix (Ont)  
 2:38:06 Danny Anderson (28, Ont)  
 2:39:14 Rick Hanna (22, BC)

**2:40-2:49**

2:40:08 Ed Macdonald (34, BC)  
 2:40:31\* Randy Barkhouse (NS)  
 2:40:34 Murray Hunt (22, Alta)  
 2:41:08 Brian Stackhouse (Alta)  
 2:42:42 Scott Bailey (Ont)  
 2:42:54 Jerry Gonser (38, Ont)  
 2:43:47 James Boyde (27, BC)  
 2:45:14 James Thomson (Ont)  
 2:45:43 John Rae (Ont)  
 2:45:43 Ivor Davies (44, BC)  
 2:45:54 Miro Syab (Ont)  
 2:45:58 Neil Coville (Ont)  
 2:46:01 Graham Laughlin (21, BC)  
 2:46:19\* Peter Camini (Ont)  
 2:47:28 Roger Price (Que)  
 2:47:29 Bob Lazenby (40, Ont)  
 2:47:32 John Currie (20, BC)  
 2:47:33 Hylke Vanderwal (33, Ont)  
 2:48:05 Bill Wyllie (39, Alta)  
 2:49:46 Bruce Macrae (19, BC)  
 2:49:56 Bruce Williamson (Ont)

**2:50-2:59**

2:50:35 Victor Matthews (Ont)

2:50:55 Bruce Dewsberry (Ont)  
 2:51:15 Michael Sudlow (Ont)  
 2:51:23 Edward Frost (28, Alta)  
 2:51:58 William McLinnis (45, Ont)  
 2:52:07 Andrew Reed (19, Ont)  
 2:52:22 Jim Herriot (31, Alt)  
 2:52:28\* Bill Norton (NS)  
 2:52:31 John Reeves (44, Ont)  
 2:52:33 Ron Sweeney (BC)  
 2:53:55 Jacques Mainguy (Que)  
 2:53:55 Francis Webb (Ont)  
 2:53:56 Robert Linton (Ont)  
 2:54:32 John Field (30, BC)  
 2:55:09 Greg McCullough (Ont)  
 2:55:18 Francis Gelinas (Ont)  
 2:55:32 Al Sweeney (40+, BC)  
 2:55:35 Dave McIntyre (37, Alta)  
 2:55:45 John Webster (Ont)  
 2:56:48 Richard Chouinard (Que)  
 2:57:35 Chris Garrett-Petts (24, BC)  
 2:57:36 John Bohnet (37, Alta)  
 2:57:37 Alex Vance (37, Ont)  
 2:57:39\* Kevin Case (17, Ont)  
 2:58:37 Mike Frizzell (NS)  
 2:58:42 Victor Dunn (32, Ont)  
 2:58:44 Linder Bland (33, Alta)  
 2:59:07 Michael Lanigan (Ont)  
 2:59:10 William Switzer (Ont)  
 2:59:15 Jack Reid (44, Ont)  
 2:59:25 Neil Topping (30, Alta)  
 2:59:59\* Don Davis (NB)

**AGES 50-59**

3:11:34 Charlie Ward (50, Ont)

**AGES 60-UP**

4:05:32 Arthur Dyson (68, Alta)

**WOMEN**

3:40:07 Rosemary Edyven (BC)  
 3:40:07 Suzanne Taylor (31, BC)  
 3:44:26 Aileen Murphy (12, BC)  
 3:46:21 Denise McLeod (Ont)  
 3:58:17 Liesje Mulder (Ont)  
 4:14:50 Judy Kazdan (52, Ont)  
 4:43:48 Tasha Hodgins (12, BC)  
 4:43:48 Cynthia Roberge (16, BC)

# WOMEN'S MARATHONING

Women now are officially welcome in marathon. The AAU said so at its November 1972 convention. The only stipulation is that they be scored separately, which is fair. Even before the decision, Boston's marathon had allowed women for the first time. So did the AAU championship.

Women's marathoning didn't grow during the year. About the same number ran as in 1971. But quality improved. Two new runners went under three hours. Nearly twice as many broke 3:30 as the previous year.

The all-time world and US list is combined here since most of the world's top women marathoners are Americans. Otherwise, this listing follows the same format as the men's. (\*=times from uncertified US courses).

These are marks received through mid-December. Others may appear in the supplement at the back of the booklet.

## ALL-TIME WORLD LIST

NAME	TIME	SITE	DATE
1. Adrienne Beames (28, Aus)	2:46:30	Werrabee, Australia	31 Aug 71
2. Cheryl Bridges (23, US)	2:49:40	Culver City, Calif.	5 Dec 71
3. Beth Bonner (19, US)	2:55:22	New York, N.Y.	19 Sep 71
4. Cheryl Bridges (24)—2	2:55:44*	Terre Haute, Ind.	12 Aug 72
5. Teri Anderson (18, US)	2:55:45*	Topeka, Kans.	Dec 72
6. Nina Kuscsik (32, US)	2:56:04	New York, N.Y.	19 Sep 71
7. Nina Kuscsik (33)—2	2:59:43	New York, N.Y.	19 Mar 72
8. Sarolta Monspert (24, Hun)	2:59:53.2	Budapest, Hungary	29 Oct 72
9. Beth Bonner (18)—2	3:01:42	Philadelphia, Pa.	9 May 71
10. Caroline Walker (16, US)	3:02:53*	Seaside, Ore.	28 Feb 70
11. Betty Wake (35, US)	3:03:12*	Culver City, Calif.	25 Jun 72
12. Sara Berman (35, US)	3:04:40*	Framingham, Mass.	7 Nov 71
13. Sara Berman (33)—2	3:05:07	Boston, Mass.	20 Apr 70
14. Nina Kuscsik (32)—3	3:06:57	New York, N.Y.	21 Aug 71
15. Sara Berman (34)—3	3:07:10	Atlantic City, N.J.	25 Oct 70
16. Anni Erdkamp (W Ger)	3:07:26	West Germany	16 Sep 67
17. Betty Wake (34)—2	3:07:36	San Diego, Calif.	15 Jan 72
18. Sara Berman (34)—4	3:08:30	Boston, Mass.	19 Apr 71
19. Nina Kuscsik (33)—4	3:08:41	New York, N.Y.	1 Oct 72
20. Sara Berman (35)—5	3:08:46	New York, N.Y.	19 Sep 71
21. Nina Kuscsik (32)—5	3:09:00	Boston, Mass.	19 Apr 71
22. Kirsten Carlsen (33, Den)	3:10:05	Copenhagen, Den	26 Sep 71
23. Nina Kuscsik (33)—6	3:10:26.4	Boston, Mass.	17 Apr 72
24. Nina Kuscsik (31)—7	3:10:—	Boston, Mass.	20 Apr 70
25. Nina Kuscsik (32)—8	3:11:41	New York, N.Y.	21 Mar 71

Note: (Ona Dobratz ran 2:59:40 in 1971, and Sara Berman ran 3:00:35, but both courses were found short on remeasurement—by less than a quarter-mile.)



# 1972 NATIONAL LIST

## SUB-3:00

- 2:55:44\* Cheryl Bridges (24, Cal)  
2:55:45\* Teri Anderson (18, Kans)  
2:59:43 Nina Kuscsik (33, NY)

## 3:00-3:30

- 3:03:12\* Betty Wake (35, Cal)  
3:19:11 Pam Weigle (29, Colo)  
3:19:30 Kathy Switzer (25, NY)  
3:20:00 Nadia Garcia (18, Cal)  
3:20:35 Elaine Pedersen (35, Cal)  
3:23:23\* Harriet Hollis (Cal)  
3:23:40 Patricia Barrett (17, NJ)  
3:24:13\* Fran Conley (31, Cal)  
3:25:39 Natalie Cullimore (34, Cal)  
3:27:53\* Susan Rossiter (26, Wash)  
3:28:17\* Mary Etta Boitano (9, Cal)  
3:29:47 Nancy Laird (30, Tex)

## 3:30-4:00

- 3:31:52 Sharon Downing (Ore)  
3:34:01 Jean Irvin (39, Ore)  
3:34:15 Lili Ledbetter (11, Ore)  
3:34:25 Donna Gookin (35, Cal)  
3:35:20\* Rose Thomas (32, Pa)  
3:36:48 Nancy Ihrman (16, Cal)  
3:39:00 Kati McIntyre (36, Cal)  
3:40:21\* Terri Rose (Jr, Cal)  
3:40:54 Martha Jensen (31, Ore)  
3:41:47\* Susan Castle (Cal)  
2:42:32 Patricia Loveland (30, Ore)  
3:43:00\* Sigrid Nadon (Ohio)  
3:43:37\* Marcie Trent (54, Alaska)  
3:43:47\* Lilly Lee (Cal)  
3:43:59\* Eve Barraza (44, Cal)  
3:44:09\* Ellen Waters (26, Cal)  
3:44:21 Janet Newman (21, Ore)  
3:47:57\* Linda Datz (Jr, Cal)  
3:48:21\* Debbie Leathers (15, Ore)  
3:48:30 Sara Berman (35, Mass)  
3:49:29 Terri Stransky (Tex)

- 3:51:47\* Isa Varela (48, Cal)  
3:53:38\* Catherine Smith (38, Nev)  
3:53:53\* Sharon O'Halloran (Cal)  
3:53:— Marcia le Mire  
3:55:43\* Lyn Carman (35, Cal)  
3:56:06 Carolyn O'Shea (35, Ore)  
3:56:55 Mary Jones (Tex)  
3:57:32 Kathleen O'Conner (15, Cal)  
3:58:43\* Carolyn Miyashiro (Cal)  
3:58:56 Lynda Weise (31, Ohio)

## 4:00-4:30

- 4:03:00 Susan Ferguson (33, Ore)  
4:03:39\* Peggy Lyman (Cal)  
4:07:02 Priscilla Butterfield (Cal)  
4:08:44 Anabelle Corboy (Tex)  
4:09:11\* Marian May (Alaska)  
4:10:21 Sharon Gough (14, Pa)  
4:11:13\* Carol Anne Hodgins (Alas)  
4:13:26 Cathy Hargus (53, Cal)  
4:13:43 Laraine Epstein (23, NY)  
4:17:09 Mary Crevelt (9, Cal)  
4:17:22\* Mary Carman (11, Cal)  
4:19:20\* Gail Churchill (Ohio)  
4:19:20\* Alice Rhodes (Ohio)  
4:21:55\* Ingrid Haase (15)  
4:22:04\* Teri Johnson (Cal)  
4:22:22 Mary Vlamides (40+, Tex)  
4:23:10\* Colleen Crowley (17)  
4:26:50\* Skip Swannack (31, Cal)  
4:27:41\* Londa Kingery (15, Cal)  
4:29:07 Alexandra Gray (26, Minn)  
4:29:29 Valerie Rogasheski (Va)

## 4:30-5:00

- 4:33:10\* Leslie Hillman (17)  
4:33:53 Frances Morrison (44, Tex)  
4:34:32\* Ida Wilson (40+, Cal)  
4:43:53 Kathy McIntyre (23, NY)  
4:35:16\* Kathy Burton (Jr, Cal)  
4:35:39\* Betsy Haines (Jr, Alaska)  
4:37:50 Nancy Adams (29, Okla)  
4:38:38\* Tillie Branica (Jr, Cal)  
4:40:41\* Doris Filler (41, Cal)  
4:41:43 Mary Boitano (48, Cal)  
4:48:32 Ginnie Collins  
4:58:19\* Sue DeLapa (Cal)

# TIMES FOR ALL AGES

This was the year that a veteran—a man over 40—broke 2:20 for the first time. Jack Foster did that at the Olympics while placing eighth. It was true that Mamo Wolde beat him to the honor (he finished third), but it turned out that Wolde was just a youngster of 38.

Age-group running is firmly establishing itself. A world marathon championship for over-40s in West Germany had nearly 500 runners. This coming year, there will be a full program of road races for both juniors (under-20) and masters or veterans (over-40) in the US. This is a first, and indicates there is a demand for this kind of running.

Here are the records for each year, for both men and women. There are world and US marks for men, but only the American women's bests. We only recognize times from certified courses. Faster non-certified (\*) ones are listed only for reference and are in italics. Thanks to Roger Gynn, Jack Shepard and Peter Mundle for their help with the records.

The 1972 lists are broken down into the AAU-recognized age groups: juniors, masters, 9 and under, 10-11, 12-13, 14-15, 16-19, 40-49, 50-59, 60-69, 70-up.

These are marks received through mid-December. Additions and corrections may appear in the supplement at the back of the booklet.

## WORLD AND U.S. AGE-GROUP RECORDS

Time	Name (Country)	Age	Name	Time
6:56:33	<i>Kevin Strain (US)</i>	5	<i>Kevin Strain</i>	6:56:33
(no known boys' record; see girls')		6	(see girls' record list)	
4:46:09*	<i>Pat Cunneen (US)</i>	7	<i>Pat Cunneen</i>	4:46:09*
3:45:28	Tom Owen (US)	8	Tom Owen	3:45:28
3:41:29	David Hargus (US)	9	David Hargus	3:41:29
3:28:18*	<i>Mike Boitano (US)</i>	9	<i>Mike Boitano</i>	3:28:18*
3:19:38	Mike Boitano (US)	10	Mike Boitano	3:19:38
3:16:36	Mike Healy (US)	11	Mike Healy	3:16:36
3:16:04*	<i>David Cortez (US)</i>	11	<i>David Cortez</i>	3:16:04*
2:59:07	David Hargus (US)	12	David Hargus	2:59:07
2:54:47	David Cortez (US)	13	David Cortez	2:54:47
2:43:37	Dennis Wilson (US)	14	Dennis Wilson	2:43:37
2:41:45*	<i>David Cortez (US)</i>	14	<i>David Cortez</i>	2:41:45*
2:29:11	Mitch Kingery (US)	15	Mitch Kingery	2:29:11
2:31:46.2	Mitch Kingery (US)	16	Mitch Kingery	2:31:46.2
2:31:55	Craig Streichman (US)	17	Craig Streichman	2:31:55
2:23:59.6	Hans-Joachim Truppel (EG)	18	Chuck Walker	2:25:16
2:19:54	Toshiharu Sasaki (Japan)	19	Dave White	2:22:55
2:16:18.2*	<i>Neil Cusack (Ireland)</i>	19		
2:15:32	Seiichiro Sasaki (Japan)	20	Mike Hazilla	2:18:46.6
2:12:19	Don Faircloth (Gr Britain)	21	Doug Schmenk	2:17:45
2:11:17	Seiichiro Sasaki (Japan)	22	Amby Burfoot	2:14:28.8
2:13:06.4	Toshiharu Sasaki (Japan)	23	Eamon O'Reilly	2:16:39.8
2:11:12.8	Jerome Drayton (Canada)	24	Frank Shorter	2:12:19.8
2:09:36.4	Derek Clayton (Australia)	25	Frank Shorter	2:10:30

2:08:33.6	Derek Clayton (Australia)	26	Kenny Moore	2:13:27.8
2:10:37.8	Akio Usami (Japan)	27	Kenny Moore	2:11:35.8
2:11:08.8	Derek Clayton (Australia)	28	Kenny Moore	2:15:39.8
2:12:14	John Farrington (Australia)	29	Norm Higgins	2:18:29
2:12:00.4	John Farrington (Australia)	30	Lou Castagnola	2:17:48
2:09:28	Ron Hill (Great Britain)	31	Ron Daws	2:20:23
2:12:11.2	Abebe Bikila (Ethiopia)	32	Herb Lorenz	2:19:16.8
2:12:51	Ron Hill (Great Britain)	33	John Kelley	2:22:15
2:14:38	Jeff Julian (New Zealand)	34	Norm Higgins	2:22:54.2
2:14:08	Gilbert Gauthier (France)	35	Norm Higgins	2:15:52
2:15:59	Eric Austin (Great Britain)	36	Lou Gregory	2:28:03
2:15:34	Mamo Wolde (Ethiopia)	37	Dave Waco	2:30:07
		37	<i>Ralph Thomas</i>	2:27:21*
2:12:17.8	Jack Foster (New Zealand)	38	Dave Waco	2:35:08
		38	<i>Ted Corbitt</i>	2:29:43*
2:13:42.4	Jack Foster (New Zealand)	39	Bill Gookin	2:25:31
2:16:56.2	Jack Foster (New Zealand)	40	Walter Renaud	2:32:12
2:23:52	Nobuyoshi Sadanaga (Japan)	41	Virgil Yehnert	2:28:27
2:24:18.8	Heinrich Ariens (W Ger)	42	Virgil Yehnert	2:33:03
2:25:37	Tom Buckingham (G Brit)	43	Jim McDonagh	2:25:55
2:23:05	Erik Ostbye (Sweden)	44	Ted Corbitt	2:35:03
		45	<i>Ross Smith</i>	2:34:57*
2:22:18.4	Walter Weba (West Germany)	45	Jim McDonagh	2:29:07
2:20:12	Erik Ostbye (Sweden)	46	Jim McDonagh	2:28:49
2:20:54.6	Erik Ostbye (Sweden)	47	Jim McDonagh	2:33:13
2:23:56	Erik Ostbye (Sweden)	48	Jim McDonagh	2:40:12
2:30:06	Erik Ostbye (Sweden)	49	Ted Corbitt	2:42:07
2:28:48	Erik Ostbye (Sweden)	50	Ted Corbitt	2:44:15
2:25:19	Erik Ostbye (Sweden)	51	Ted Corbitt	2:46:37
2:39:01	Tom Buckingham (G Brit)	52	Ted Corbitt	2:46:16
2:41:31	Tom Buckingham (G Brit)	53	Paul Reese	2:51:04
2:37:42	John Kelley (US)	54	John Kelley	2:37:42
2:55:30	Paul Reese (US)	55	Paul Reese	2:55:30
2:45:30*	<i>Paul Reese (US)</i>	55	<i>Paul Reese</i>	2:45:30*
3:01:07.8	Frantisek Mirovsky (Czech)	56	William Andberg	3:07:18
3:06:41	Don Heincke (US)	57	Don Heincke	3:06:41
2:51:44	William Andberg (US)	58	William Andberg	2:51:44
2:52:59*	<i>William Andberg (US)</i>	59	<i>William Andberg</i>	2:52:59*
3:04:23	John Kelley (US)	60	John Kelley	3:04:23
2:58:40	John Kelley (US)	61	John Kelley	2:58:40
3:02:18	John Kelley (US)	62	John Kelley	3:02:18
2:54:56	Monty Montgomery (US)	63	Monty Montgomery	2:54:56
2:55:45	Monty Montgomery (US)	64	Monty Montgomery	2:55:45
2:53:03	Monty Montgomery (US)	65	Monty Montgomery	2:53:03
2:57:17	Monty Montgomery (US)	66	Monty Montgomery	2:57:17
(no definite record available)		67	(no record available)	
(no definite record available)		68	(no record available)	
3:38:17	Fred Grace (US)	69	Fred Grace	3:38:17
3:15:44	Friedrich Tempel (W Ger)	70	(no record available)	
3:19:25	Friedrich Tempel (W Ger)	71	Fred Grace	3:53:23
3:45:20	Fred Grace (US)	72	Fred Grace	3:45:20
4:03:38	Fred Grace (US)	73	Fred Grace	4:03:38
3:45:15	Fred Grace (US)	74	Fred Grace	3:45:15
(no definite records available)		75-77	(no further records)	
3:52:30	Arthur Lambert (W Ger)	78		



## WOMEN'S U.S. RECORDS

Age	Name	Time
6	Mary Etta Boitano	4:27:32
7	Mary Etta Boitano	3:57:42
8	Mary Etta Boitano	3:37:15
9	Mary Crevelt	4:17:09
9	<i>Mary Etta Boitano</i>	<i>3:28:17*</i>
10	Connie Cunneen	4:38:16
10	<i>Connie Cunneen</i>	<i>4:03:42*</i>
11	Lili Ledbetter	3:34:15
12	Carolyn McDonald	3:37:04
13	(none available)	
14	<i>Desiraye Wilson</i>	<i>3:51:05</i>
15	Sue Parks	3:32:58
16	<i>Caroline Walker</i>	<i>3:02:53*</i>
17	Patricia Barrett	3:23:40
18	Beth Bonner	3:01:42
19	Beth Bonner	2:55:22
20	Janet Newman	3:51:03
21	Janet Newman	3:44:21
22	Cheryl Bridges	3:14:45
23	Cheryl Bridges	2:49:40
24	Kathy Miller	3:15:28
24	<i>Cheryl Bridges</i>	<i>2:55:44*</i>
25	Kathy Miller	3:21:54
26	<i>Susan Rossiter</i>	<i>3:27:53*</i>
27	Vicki Foltz	3:26:28
28	Pam Weigle	3:57:55
28	<i>Pam Weigle</i>	<i>3:34:10*</i>
29	Pam Weigle	3:19:11
30	Nancy Laird	3:29:47
31	Nina Kuscsik	3:10:—
32	Nina Kuscsik	2:56:04
33	Nina Kuscsik	2:59:43
34	Sara Berman	3:07:10
35	Sara Berman	3:08:46
35	<i>Betty Wake</i>	<i>3:03:12*</i>
36	Kati McIntyre	3:39:00
37	<i>Robyn Paulson</i>	<i>4:59:10*</i>
38	Ivy Gorman	3:37:02
39	Jean Irvin	3:34:01
40	(none available)	
41	<i>Barbara Barnes</i>	<i>4:05:27*</i>
42	Barbara Barnes	4:22:—
43	Barbara Barnes	4:17:18
44	Frances Morrison	4:33:53
44	<i>Eva Barraza</i>	<i>3:43:59*</i>
45	(none available)	
46	Mary Boitano	4:50:—
47	Isa Varela	4:12:39
47	<i>Isa Varela</i>	<i>3:53:41*</i>
48	Mary Boitano	4:41:43
48	<i>Isa Varela</i>	<i>3:51:47*</i>
49	<i>Mary Boitano</i>	<i>4:49:51*</i>
50	(none available)	
51	(none available)	
52	<i>Marcie Trent</i>	<i>4:40:03*</i>
53	Cathy Hargus	4:13:26
54	<i>Marcie Trent</i>	<i>3:43:37*</i>

## 1972 AGE-GROUP LISTS

### JUNIORS

2:23:17	Tom Hollander (19, Conn)
2:23:18	Paul Hoffmann (19, Tex)
2:26:34*	Dennis Spencer (19, Ga)
2:27:31	Ken Moffitt (19, Cal)
2:27:50	Rob Waugh (18, Ariz)
2:27:58*	Tom Hale (19, Cal)
2:29:11	Mitch Kingery (15, Cal)
2:29:14	Mike Baer (18, Colo)
2:30:28	Curtis Ankeny (19, Ore)
2:32:23	Bill O'Brien (18, NY)
2:32:29	Mike Tulley (17, Cal)
2:32:37*	Bob Hunt (19, Mich)
2:34:23	Chuck Mork (19, Tex)
2:34:49	Clary Reinsma (17, Wash)
2:34:58*	Gordon Braun (17, Wash)
2:35:14	Richard Pettigrew (19, Tex)
2:35:25	Dennis Swift (19, Cal)
2:35:42	Bryan Geiser (18, Cal)
2:35:49	Daniel Matlock (18, Ore)
2:36:26*	Jeff Arnold (16, Cal)
2:36:26*	Robin Lee (19, Ore)
2:36:28*	Robert Hemsley (16, Conn)

2:36:34	William Welsh (17, Ohio)
2:37:09	Roy Pryor (18, Wash)
2:37:20*	Scott Sundquist (19, Minn)

### MASTERS

2:32:12	Walter Renaud (40, Mass)
2:33:06	Graham Parnell (44, Cal)
2:34:21*	Steve Goldberg (40, Ill)
2:34:57*	Ross Smith (44, Nev)
2:35:58*	August Jarvis (40, Ohio)
2:36:33*	Bill Gookin (40, Cal)
2:36:31	Virgil Yehmert (43, Ohio)
2:37:23	Hal Higdon (41, Ind)
2:38:57	Carroll Sternberg (41, Wisc)
2:39:28	Roland Anspach (45, Ohio)
2:39:42	Howard Miller (43, Wash)
2:39:56	Bill Stock (42, Cal)
2:40:05	John Kelley (41, Conn)
2:40:12	Jim McDonagh (48, NY)
2:40:15	Fred Clarke
2:40:29	Jim O'Neil (47, Cal)
2:42:16	Bill King (43, Pa)
2:43:10*	George Branam (41, Ind)
2:43:25	Dave Waco (40, Cal)
2:43:40	David Parker (41, Cal)

2:44:19 Walt McConnell (NJ)  
2:45:22 Don Jones (45, Cal)  
2:45:30\* Paul Reese (55, Cal)  
2:46:16 Ted Corbitt (52, NY)  
2:47:20 Dave Stevenson (43, Cal)

#### AGES 9-UNDER

3:28:17\* Mary Etta Boitano (9, Cal)  
3:45:25 Tom Owen (8, Cal)  
4:17:09 Mary Crevelt (9, Cal)  
4:26:15 Tom Bassler (8, Cal)  
5:01:40\* Randy Hanes (8, Cal)

#### AGES 10-11

3:19:38 Mike Boitano (10, Cal)  
3:20:19\* Daniel Sullivan (11, Cal)  
3:21:58 Brian Wake (10, Cal)  
3:23:26 David Jaeger (11, Cal)  
3:23:31 Billy Tracey (11, Cal)  
3:29:54 Lynn Couch (10, Ore)  
3:34:15 Lili Ledbetter (11, Ore)  
3:52:08\* Scott Cole (11, Hawaii)  
3:53:17 Duane Monroe (10, Ore)

#### AGES 12-13

2:55:02 Seth Bowman (13, Wash)  
2:59:07 David Hargus (12, Cal)  
3:19:59 Mike Sullivan (12, Cal)  
3:34:00\* David Wilson (12, Cal)  
3:37:50 Ed Tico (12, Cal)  
3:39:13 Tom Graycar (12, Cal)  
3:41:46 David Bingley (12, Cal)  
3:42:01\* Dan Martinez (12, Cal)  
3:55:05 John Coleman (12, Nev)  
3:55:22 Gordon McLennan (12, Wa)

#### AGES 14-15

2:29:11 Mitch Kingery (15, Cal)

2:41:45\* David Cortez (14, Cal)  
2:50:05 Tim Wolfe (14, Ore)  
2:51:00\* Jim Eicken (15, Ill)  
2:53:38 Richard Cebilaki (15)  
2:55:02 Joel Bowman (14, Wash)  
2:55:11\* Mike Hagmeier (14)  
2:57:02\* Tom Edwards (15, Cal)  
2:59:37 John Gareck (15)

#### AGES 50-59

2:45:30\* Paul Reese (55, Cal)  
2:46:16 Ted Corbitt (52, NY)  
2:49:38 Richard Steiner (52, Cal)  
2:50:46 John Lafferty (54, Cal)  
2:54:16\* Karl Larson (50, Iowa)  
2:54:47\* James Oleson (54, Cal)  
2:56:56 Frank McCabe (54, Colo)  
2:57:22 John Garcia (54, Cal)  
2:58:56 Wayne Zook (55, Cal)  
2:59:03 Hubert Morgan (50, Pa)  
2:59:30 Bill Hargus (50, Cal)

#### AGES 60-69

2:55:13\* Monty Montgomery (65, Cal)  
3:04:29 John Montoya (60, Cal)  
3:05:45 Urban Miller (60)  
3:17:18 Bill Andberg (61, Minn)  
3:28:17\* Norman Bright (62, Wash)  
3:28:30 James Bole (64, Cal)  
3:32:12 John Kelley (64, Mass)  
3:34:18 Walt Stack (64, Cal)  
3:50:38 Norman Tamanaha (65, Ha)  
3:55:56 Warner Monroe (63, Ore)

#### AGES 70-UP

3:45:15 Fred Grace (74, Cal)  
6:30:29 Larry Hilt (72, Ore)

## Chapter IV

### ***R.W. 24-Hour Relay***



The relay attracts all types—from the pre-teenager at right to neurosurgeon Fran Conley behind him. (George Beinhorn photo)



# HERE'S HOW IT'S DONE

The relay has been standardized and explicit rules set up for good reason. We want to be able to compare teams accurately, even though they're running at different times and places. It's important that the following rules be followed to the letter.

- The relays can be run any time, at any location.
- Any group of runners may form teams, with a minimum of two and maximum of 10 runners. (You needn't be in the same club or school to run as a team. But if your team has members from several different clubs or schools, none of the teams' names can be used.)
  - You should decide on a name for your team, to be submitted along with the total mileage you cover in the 24-hour period.
  - Before starting, each team must decide on the order its members will be running, and this order must be kept throughout the relay.
  - The relay must be run on a 440-yard track.
  - Each person must run exactly one mile each time it is his turn to run. (If a runner drops out during his mile, then none of that mile counts, he is out of the relay and the next man starts his mile.)
  - Only the original runners can run. No substitutes!
  - If a man drops out (either missing his turn or quitting during his mile), then he is out for good. But the team may continue without him. A team can also stop its relay, waiting for a man to show up as long as the man that is scheduled to run is, in fact, the one who runs. (*Note:* If upon completion of your mile, you find that the next man is not on the scene, the stop and wait for him. If you run another lap it just wastes your time and energy because only one mile is recorded for you and the next man still must run his mile.)
  - Only completed individual miles count towards the team's total (except at the end of the 24-hour period, when exact yardage of the last partial mile must be measured.)
  - Each team must carry a baton at all times, and it must be handed off within a reasonable distance of the starting line.
  - A non-competitor (not necessarily the same one all the time) must be on hand at all times recording mileage.
  - A team can stop at any time, but of course the clock goes on and since the objective is to run as many miles as possible within the 24-hour period it is wise to keep going. However, if your team gets to the point where it has only a few runners still going, then maybe a couple hours' break would be beneficial. The only rule is that the next man in line must be the man who starts running again.
- The total team mileage, along with individual totals must be reported as soon as possible. Mail results to *Runner's World*, Box 366, Mountain View, Calif. 94040. It isn't necessary to run the full 24 hours to be eligible.

# RELAY RECORDS

1972's 24-hour relays had a special significance. Many runners were earning money while they ran. They had solicited sponsors and, at so much per mile were raising money for the Olympic Fund. More than \$4500 in donations topped off a relaying year that would have been successful even without this unique factor. More teams ran than ever before. Here is the revised records list.

World	295 miles 269 yards	Olympic Training Camp (Wash)	1970
College	277 miles 896 yards	Furman University (So Carolina)	1971
Club	293 miles 378 yards	Sale Harriers (England)	1972
Club (US)	275 miles 959 yards	Tulsa R.C. (Oklahoma)	1972
Indoor	201 miles 880 yards	Williams Road Runners (Mass)	1972
H.S.	276 miles 769 yards	Dos Pueblos H.S.T.C. (Calif)	1972
H.S. (girls)	155 miles	South Eugene Girls (Oregon)	1972
Jr. High	232 miles 330 yards	Bedford J.H. (Michigan)	1972
Over-40	259 miles 108 yards	Seniors T.C. (Calif)	1971
Women	223 miles 80 yards	Kettering Striders (Ohio)	1972
10 men	295 miles 269 yards	Olympic Training Camp (Wash)	1970
9 men	272 miles 1060 yards	Kettering Striders "A" (Ohio)	1972
8 men	258 miles 842 yards	New Canaan H.S. (Conn)	1971
8 women	110 miles 440 yards	Baker Girls (Ohio)	1972
7 men	245 miles 1460 yards	Springbank R.R. (Ontario)	1972
6 men	236 miles 1220 yards	76ers (Calif)	1972
5 men	227 miles 720 yards	Troy State A.C. (Alabama)	1972
4 men	213 miles 904 yards	Goleta Striders (Calif)	1972
3 men	190 miles	Fresno Pacific Frosh (Calif)	1972
3 women	115 miles	Pacetrots of S. Barbara (Calif)	1972
2 men	181 miles 632 yards	Bowling Green Mar. Club (Ohio)	1972
Police	236 miles 1630 yards	LAPD (Calif)	1972

## STATE ALL-COMERS RECORDS

Ala.	Troy State AC	227m 720y	Ma.	S.E. Mass. U.	248m 1200y
Ariz.	Ariz. All-Stars	263m	Mi.	Loy Norrix HS	254m 501y
Ark.	Ten Harding Runners	259m 1461y	Min.	Carleton-St. Olaf	274m 141y
Cal.	So. Cal. All-Stars	290m 1606y	Mo.	Missouri Madmen	274m 1452y
Col.	Sterling Jr. High	169m	Mon.	Aadsen Ford	203m 350y
Con.	New Canaan HS	258m 842y	N.C.	Charlotte-Meckl. TC	193m 1110y
Del.	Del. All-Stars	243m 88y	N.H.	New England College	223m 270y
Fla.	Titusville HS	259m 331y	N.J.	North Jersey Striders	271m 229y
Ga.	Ft. Benning Orienteers	257m 963y	N.M.	Atomic City TC	272m 632y
Ida.	Ida. Falls Easy Striders	218m 1320y	N.Y.	Finger Lakes Runners	255m 790y
Ill.	Catholic League	245m 1465y	N.D.	Capital City Grease	242m 1320y
Ind.	Oak Hill High	241m 76y	Oh.	Ohio Track Club	274m 936y
Ia.	Cedar V. Pounders	259m 1170y	Ok.	McLain HS	275m 959y
Me.	Maine AAU All-Stars	269m 1579y	Ore.	Honeysuckle TC	266m 896y
Md.	Otto Club	257m 1554y	Pa.	Suburban All-Stars	259m 1161y

S.C.	Furman Univ.	277m 896y	Wa.	Olympic Camp	295m 269y
Tex.	X-C Club of Dallas	247m 398y	W.V.	West Virginia Runners	284m 1240y
Ut.	Utah Marathoners	200m 60y	Wisc.	John Marshall HS	256m 433y
Va.	Bethesda TC	275m 330y			

## INTERNATIONAL RECORDS

<b>Australia</b>	232 miles 660 yards	Wakehurst Joggers	1972
<b>Canada</b>	267 miles 1644 yards	Ontario Place AC	1972
<b>England</b>	293 miles 378 yards	Sale Harriers	1972

# COMPLETE 1972 RESULTS

Just two years ago in 1970 only 42 teams ran the relay. In '71, the event exploded to a total of 183 teams. In 1972, no less than 255 teams reported their results to us. Nearly 50 ran at San Jose, Calif. on June 9-10.

Seventeen records were broken or set this year. Just as in track and road racing, the base of success is the broad field of "ordinary" runners. The length of this 1972 list shows the vast number of relayers, from the midst of which new records are being set. And in this event, the slowest is just as important as the fastest.

### 1. SALE HARRIERS 293m 378y 7 Oct

(Dave Farmer, Kelvin Breeze, Steve Edmunds, Mike Delaney, Dai Davies, Norman Carrington, Dave Fossati, Adrian Watson, John Davies, Doug Cockburn)

### 2. DOS PUEBLOS HIGH T.C. 276m 769y 9 Jun

(Gil Rocha, Tom Phillips, Dale Nickel, Joe Szepwo, Joe Lambert, Tom Kelsey, Craig Bjorkman, Carl Udesen, Mark Pruner, Doug Hopwood)

### 3. TULSA R.C. 275m 959y 17 Jun

(Henry Shawnee, Terry Ziegler, Larry Aduddell, Terry Lewis, Jeff Fetterman, Phil Maltby, Bill Ward, Bill Welch, Doug Crawford, David Sanders)

### 4. BETHESDA T.C. 275m 330y 5 Aug

(Dan Recks, Gordon Oliver, Stu Nibley, Jim McClurkin, Brett Dunkelmann, Tom Giroux, Kent Stauer, Peter Slevin, Mike Lieder, Jim Fitzgerald)

### 5. MISSOURI MADMEN 274m 1452y 17 Jun

(Ken Thoele, Steve Szachta, Dave Tobey, Joe Werner, Mike Busch, Don Toddard, Ed Heidbrier, Steve Parker, Bill Parmalee, Dave James)

### 6. KETTERING STRIDERS "A" 272m 1060y 29 Jul

(Dennis Bayham, Bob Reef, Milt Place, Dan Price, Wayne Diehlman, Tom Preston, Bill Schnier, Duane Gaston, John Huff)

### 7. SPOKANE H.S. RUNNERS 270m 1628y 2 Jun

(Larry Thibault, John Bierly, Rick Whitaker, Ken Henry, Dave Pearson, Kevin Blackwell, Rick Barbero, Roger Risinger, Cliff English, Steve Daley)

### 8. MAINE AAU ALL-STARS 269m 1579y 9 Jun

(Brian Gillespie, Ken Flanders, Jerry Crommett, Dave McDonald, Al McCann, Joe Dahl, Danny Paul, Steve Jaymes, Mark Beede, Ralph Thomas)



9. REDWOOD CITY STRIDERS 268m 630y 9 Jun  
 (Jose Cortez, Bryan Geiser, Mitch Kingery, Stacy Geiken, John Barbour,  
 Arnie Nelson, Doug Peck, Tim Wright, Matthew Logan, Frank Cortez)

10. ONTARIO PLACE A.C. 267m 1644y 10 Jun  
 (T. Jenkins, T. Montgomery, K. Bumner, K. Case, W. Sepic, B. Woods, P.  
 Reid, A. Wyatt, N. Strothard)

**Over 260 Miles**

NATO 265m 861y  
 Never Again 263m 1630y  
 Ten Harding Runners 261m 1662y  
 Bali Hai Striders 260m 930y

**250 to 259 Miles**

Cedar Val. Foot Pounders 259m 1170y  
 Alameda T.C. 259m 790y  
 Minnesota All-Stars 259m  
 Sheldon-Churchill Runners 258m 1130y  
 Koons Kardiac 258m 464y  
 P.H.U.N. H.S. 258m 155y  
 Sunset 255m 1019y  
 Patrick Henry H.S. 254m 611y  
 Loy Norrix X-C Team 254m 501y  
 Roseburg Runners 252m 69y  
 Malone College 251m 1233y  
 Warren R.C. 251m 516y  
 Mohegan T.C. 251m  
 E.L.A. Club 250m 1320y  
 Kennedy Studs 250m 500y  
 Kettering Striders "B" 250m 402y  
 Northside High 250m 330y  
 Silverhillville T.C. 250m 109y

**240 to 249 Miles**

Mort Studs 248m  
 CCC of Dallas "Red" 247m 398y  
 R.C. Striders H.S. 246m 295y  
 Virginia Flyers 246m  
 Springbank Road Runners 245m 1460y  
 Royal H.S. 245m  
 South Eugene "A" 244m 1650y  
 Proviso Cinder "A" 244m 1130y  
 Bertha Butt All-Stars 243m 1443y  
 Used Tigers 243m 962y  
 Delaware All-Stars 243m 880y  
 Kettering Striders Masters 241m 1593y  
 Brentwood T.C. 241m 1280y

Oak Hill High 241m 76y  
 Skyline Loafers 240m 830y  
 Lincoln H.S. 240m 387y

**230 to 239 Miles**

Oil Capital Runners 239m 1116y  
 Sylvania 9-man 238m 1602y  
 Pamakids A 238m 690y  
 Proviso Cinder "B" 238m 640y  
 Southside T.C. "A" 237m 205y  
 Whitehall H.S. 236m 1368y  
 76ers 236m 1220y  
 Run Bums 236m 640y  
 Fairmont East H.S. X-C 235m 1558y  
 Mont Pleasant Scavengers 234m 1070y  
 Lifers 233m 1608y  
 The Collection 233m 1392y  
 Camden H.S. "Zoo" 233m 1320y  
 Waterloo Family "Y" 232m 1018y  
 Wakehurst Joggers 232m 660y  
 Folsom Damrats 232m 440y  
 Bedford Jr. High 232m 330y  
 Salesianum H.S. Sentinels 232m  
 Hannibal H.S. Harriers 231m 630y  
 Hoisies Boys 231m 363y  
 El Dorado H.S. 230m 1502y  
 Charleston High School 230m  
 Bay Area Roadrunners 230m

**220 to 229 Miles**

Galion Putuchees 229m  
 Fox Chapel T.C. 229m  
 Ashland Area Striders "A" 228m  
 Troy State A.C. 227m 720y  
 Baldwinsville Harriers 227m 590y  
 Webb Jr. High "A" 227m  
 San Marino T.C. 226m 1640y  
 Hartford T.C. 226m 440y  
 Marion Harding High 226m 440y  
 Fort Erie Spartans 225m 1712y

N. England Coll. X-C	225m 1610y	UCTC "A"	204m 998y
Center Jr. High	225m 1037y	"Freshmen"	204m
Robin Hood's Merry Men	225m 480y	Roadrunners	203m 1126y
Irvington H.S.	224m 902y	Los Gatos Pacers	202m 929y
Alhambra H.S. No. 1	224m 774y	R.C. Striders	202m 665y
Schalmont Dist. All-Stars	224m 700y	Hot Feet & Blisters	202m 541y
Scituate H.S.	224m 371y	Williams Road Runners	201m 880y
Buzz's Boys	223m 675y	Utah Marathoners	200m 60y
Kettering Striders Women	223m 80y	Springbrook High Striders	200m
Allegheny T.C.	222m 984y	Bucyrus Jr. Hi Allstars	200m
Mater Dei H.S. No. 1	221m 957y	Pointes	200m
CCC of Dallas "Green"	221m 850y		
Forest Heights Coll. H.S.	221m 597y	<b>190 to 199 Miles</b>	
Placerville Harriers	220m	Pamakids	199m 935y
		Indian Head Missiles	199m 927y
<b>210 to 219 Miles</b>		Pamakid Boys	199m 615y
Alameda Animals	219m	Lock Haven T.C. "A"	198m 1111y
Senile City Striders	219m	The Virginians	197m 1714y
Idaho Falls Easy Striders	218m 1320y	Alhambra H.S. No. 2	194m 986y
Garfield H.S.	218m	South T.C.	194m
Buschwacker Bunch	217m 1480y	Kettering Striders Kids	193m 1131y
Westside Roadrunners	217m 1191y	Charlotte-Mecklenburg TC	193m 1110y
Section III Runners	216m 1200y	Poway Prix	193m 880y
Royal Hustlers	216m 440y	The Ozite	191m 1077y
R.C. Striders Girls	215m 1250y	G.E. Best Buy Runners	190m 473y
Maine-N.H. Striders	214m 1360y	Fresno Pacific Frosh	190m
Goleta Striders	213m 904y	<b>180 to 189 Miles</b>	
Schalmont H.S. Runners	211m 146y	Potomac Panthers	188m 1692y
Brandywine H.S.	210m 1741y	F Troop	187m 90y
Clarke Central H.S.	210m	Mc Cluer H.S. North Stars	187m
Purple Pack T.C.	210m	Hamilton High Schools	186m
Trotwood Madison H.S.	210m	Nimble 9 Minus One	185m 1546y
		Mater Dei H.S. No. 2	185m 559y
<b>200 to 209 Miles</b>		Farrar's Follies	184m
Bull Athletic Club	209m	Dos Pueblos H.S. T.C.	183m 1287y
Burris H.S.	209m	Fantastic Five	183m 570y
Newark H.S.	208m 880y	CCC of Dallas Ladies	182m 954y
Sunnyvale H.S.	208m 841y	Caesar Rodney H.S. B & G	182m 880y
Penn Trailers Club	208m	Hammond Clark High	182m 440y
Dallas CCC Masters	207m 1077y	Windsor Univ. Lancers	182m 340y
Spoons	207m 133y	Bowling Green Mar. Club	181m 632y
Webb Jr. High "B"	207m	Idaho Falls High School	180m 1420y
Metro Toronto Fitness C.	206m 1563y	<b>170 to 179 Miles</b>	
Medicare Branch	206m 1068y	The Butterflies	176m 122y
Tentative Ten T.C.	205m 1650y	Munster H.S. X-C	175m 840y
G.E. Road Runners	205m	Pamakid Dolphins	174m
Hell No's	204m 1318y		

Co-ed Lappers	171m 585y	Super Chicken	150m
<b>160 to 169 Miles</b>		S. Lorenzo Road Runners	150m
Lower Dauphin	167m 1100y	<b>140 to 149 Miles</b>	
Kings College T.C.	167m	Strathroy Legion	149m 1550y
Footsore Four	166m 1157y	Dos Pueblos H.S. T.C.	147m
Virginia All-Stars	165m 265y	Southside B	145m
V.P. 91	161m	Indianhead T.C.	144m
Westside Roadrunners	160m 1320y	Nimrod	144m
<b>150 to 159 Miles</b>		W. Valley T.C. High	144m
All Day Suckers	159m 440y	William & Mary	143m 1335y
Mississauga T & F Club	158m	Gypsy Runners	143m
Rabbits	156m 1446y	Baltimore Co. All-Stars	141m
So. Eugene Girls' Team	155m	Tyrone Golden Eagles	140m
Concord H.S.	153m		
Camden H.S.	153m		

## ALL-TIME WORLD LIST

TEAM (PLACE)	DISTANCE	SITE	DATE
1. Olympic Training Camp (Wash)	295m 269y	Pullman, Wash.	21 Jul 70
2. Sale Harriers (England)	293m 378y	Crossford, Engl.	7 Oct 72
3. So. California All-Stars (Calif)	290m 1606y	Fullerton, Calif.	11 Dec 71
4. Olympic Training Camp "Blue"	289m 1512y	Pullman, Wash.	21 Jul 70
5. Sale Harriers (England)	287m 392y	Sale, England	13 Nov 71
6. W. Virginia Runners (Va.)	284m 1240y	Morgantown, Va.	28 Aug 71
7. Torbay A.A. Club (England)	277m 1364y	Torquay, Eng.	29 Aug 71
8. Furman Univ. (So. Carolina)	277m 896y	Greenville, S.C.	21 May 71
9. Dos Pueblos H.S. T.C. (Calif)	276m 769y	Goleta, Calif.	9 Jun 72
10. Tulsa R.C. (Oklahoma)	275m 959y	Tulsa, Okla.	17 Jun 72
11. Bethesda T.C. (Virginia)	275m 330y	Arlington, Va.	5 Aug 72
12. Missouri Madmen (Mo.)	274m 1452y	Florissant, Mo.	17 Jun 72
13. Ohio Track Club (Ohio)	274m 936y	Columbus, Oh.	16 Jul 71
14. Carleton-St. Olaf Striders (Min)	274m 141y	Northfield, Minn.	25 May 71
15. Kettering Striders "A" (Ohio)	272m 1060y	Trenton, Ohio	29 Jul 72
16. Atomic City T.C. (N.M.)	272m 632y	Los Alamos, N.M	8 Aug 70
17. Univ. of Victoria (Canada)	271m 761y	Victoria, B.C.	28 Aug 71
18. North Jersey Striders (N.J.)	271m 229y	Oakland, N.J.	20 Aug 71
19. Winchester "A" Team (Va.)	271m 191y	Winchester, Va.	20 Aug 71
20. Spokane H.S. Runners (Wa.)	270m 1628y	Spokane, Wa.	2 Jun 72
21. Dos Pueblos H.S.T.C. (Calif.)	270m 1217y	Goleta, Calif.	15 Jun 71
22. Maine AAU All-Stars (Me.)	269m 1579y	Portland, Maine	9 Jun 72
23. Redwood City Striders (Calif.)	269m 101y	Los Altos, Calif.	9 Jul 71
24. Redwood City Striders (Calif.)	268m 630y	San Jose, Calif.	9 Jun 72
25. Ontario Place A.C. (Canada)	267m 1644y	Hamilton, Ont.	10 Jun 72



# LASTEST INFORMATION

The Handbook is caught in an awkward middle between late results in the old year and early races in the new one. All we can do is send the bulk of the booklet to the printer in mid-December so it can be done early, then put the late results here. Despite repeated requests, no results were received from the Toledo, Linn Tech, Seattle, Philadelphia, Odessa and Pacific AAU marathons. The Holiday race was cancelled because of severe weather.

## 2:20 to 2:29

2:20:27 Pete Span (24, Ariz)  
(Scottsdale, Ariz.—22 Dec)  
2:27:30 Ted Castenada (Colo)  
2:28:21 Gary Dobrenz (26, Cal)  
2:28:22\* Clayton Craig (17, Fla)  
2:29:20 Ed Cadena (Cal)  
2:29:28 Ken Young (31, Ill)  
2:29:48 Dave Russell (Cal)

## 2:30 to 2:39

2:30:50\* Weston Bruner (Fla)  
2:31:26\* Ken Misner (23, Fla)  
2:31:44 Wayne Akiyama (Cal)  
2:31:51 John Brennand (37, Cal)  
2:32:14 Pat Miller (Cal)  
2:32:17 George Morfin (Ariz)  
2:32:33\* Danny Green (24, Tex)  
2:32:47 Jim Arquilla (Cal)  
2:33:02 Leonard Suarez (Ariz)  
2:33:33 Steve Jaskela (Cal)  
2:33:53 Carlos Alfaro (Cal)  
2:33:53\* Clyde Villemez (26, Tex)  
2:34:13 Bill Anderson (29, Cal)  
2:34:18\* Jerome Howe (22, Kans)  
2:35:00 Garrett Tomczak (Cal)  
2:35:05 Ed Horn (Colo)  
2:35:32 Victor Sasuga (jr, Cal)  
2:35:32 Dave Waco (40, Cal)  
2:36:44\* Pat Chester (Fla)  
2:37:16\* Roger Rouiller (34, WV)  
2:37:39 Clenard Griffin (Cal)  
2:37:55 John Spurr (34, Ariz)  
2:38:44\* John Lodwick (18, Tex)  
2:38:44\* Jeff Wells (18, Tex)  
2:39:34\* Brian Harrington (26, Tex)  
2:39:35 James Ursell (jr, Cal)  
2:39:42\* Thomas Bryant (19, Ohio)

## 2:40 to 2:49

2:40:30\* John Gillaspie (19, Kans)  
2:40:48\* Eric Williams (Cal)  
2:41:02 John Burns (Cal)  
2:41:11\* David Harrison (21)  
2:41:44 Doug Sailors (Cal)  
2:41:47\* Bill Brodhead (18, Tex)  
2:41:48\* Greg Camp (26, Ga)  
2:41:50 Martin Rowley (Cal)

2:42:03 Don Gregory (Cal)  
2:42:05 Skip Shafer (34, Cal)  
2:42:48 Joel Ireland  
2:42:48 Rick Lower (Colo)  
2:42:50 Robert Walline (Cal)  
2:42:53\* Ken Bell (22, Kans)  
2:42:53 Mike Maron (Cal)  
2:43:06 Peter Mundle (44, Cal)  
2:43:29 Dick Bartek (Cal)  
2:43:30\* Dave Senechalle (32)  
2:43:30 Spencer Smith (Ariz)  
2:43:49 Jason Zeller (Cal)  
2:43:51 Owen Gorman (43, Cal)  
2:43:55 Merlyn Midstokke (40+, Cal,  
2:44:19 Walt McConnell (40+, NJ)  
2:44:21 Gary Carsel (jr, Cal)  
2:44:23 David Parker (40+, Cal)  
2:44:30 Skyler Jones (20, Ariz)  
2:44:33 Alex Ratelle (40+, Minn)  
2:44:35\* Geoff Pietsch (Fla)  
2:45:17 Jon Brower (Cal)  
2:45:27\* Don Burnette (19, Kans)  
2:45:32 Tom Cory (Cal)  
2:45:33\* Rick Curlin (20, Ga)  
2:45:38 Jeff Palmer (jr, Cal)  
2:45:58 Joe Burgasser (Cal)  
2:45:59 Gabriel Grosz (Cal)  
2:46:01 Mike Chambliss (Cal)  
2:46:07\* Brian Welch (Fla)  
2:46:20\* John Perry (21, Ky)  
2:46:41\* Rick Stetson (28, Ala)  
2:46:47\* Joe Burns (43, NJ)  
2:46:50 Ron Young (Cal)  
2:46:57 Des O'Neill (33, Cal)  
2:47:12 John Copeland (Ariz)  
2:47:20 Jim Flanigan (Cal)  
2:47:51 Ben Watta (Cal)  
2:47:59 Rick Nulty (Fla)  
2:48:10\* Ricky Delacruz (15, Tex)  
2:48:14 Lewis Jones (Cal)  
2:48:19 Truman Clark (Cal)  
2:48:29\* Charles Gibson (49, Tenn)  
2:48:48 Doug Boswell (Cal)  
2:49:05 Harold Ketting (jr, Cal)  
2:49:17 Kim Kellar (jr, Ariz)  
2:49:18 Bob Carman (41, Cal)  
2:49:21 Carl Paulson (Cal)  
2:49:23 Tom Gleason (30, Cal)

2:49:25\* Ed Strabel (27, Ga)  
2:49:40\* Ken Kraus (20, Tex)  
2:49:51 Jan Ahlberg (38, Ariz)  
2:49:53 Jerry Smartt (40, Cal)  
2:49:54 Ernie Cunliffe (35, Colo)

### 2:50 to 2:59

2:50:07\* Rick Shimon (Fla)  
2:50:26 Barry Bryant (Cal)  
2:50:51 Bob Guyan (Cal)  
2:50:57 George Segarra (Ariz)  
2:51:01 Steve Wampler (Cal)  
2:51:04 Dean Read (Cal)  
2:51:05\* Andy Wismar (19, Tex)  
2:51:08\* Tim Kossler (20, Ohio)  
2:51:10 Skip Hamilton (Colo)  
2:51:30 Charles Horn (Cal)  
2:51:36\* Lorne Kenyon (34, Mo)  
2:52:08\* Chuck Harris (18, Ga)  
2:52:25 Stan Rath (Cal)  
2:52:28 Rick Walline (Cal)  
2:52:29 Mike Caldera (Cal)  
2:52:41\* Ron Gaff (37, Mass)  
2:52:49\* Rick Whaley (20, Del)  
2:52:51 Fred Farsjo (Ariz)  
2:53:00 John Munch (Cal)  
2:53:02 Bob Lopez (Cal)  
2:53:05 Jerry Smith (Ia)  
2:53:07 Richard Meza (Cal)  
2:53:29\* George Conn (37, Tenn)  
2:53:35 Bob Dail (Ariz)  
2:53:42 Carlos Pena (jr, Ariz)  
2:53:45 Doug Burns (Cal)  
2:53:56 Andrew Levinson (Cal)  
2:54:14 Bob Watanabe (46, Cal)  
2:54:29 Sam Clark (40+)  
2:54:38 Mike Weinstock (Cal)  
2:54:45\* Don Stanley (24, Ga)  
2:54:58 Don Carlson (Cal)  
2:54:59 Don Wojcik (Cal)  
2:55:03\* Eric Owers (32, Tex)  
2:55:12\* Dan Kacprowicz (21, Mo)  
2:55:15\* Dennis Branham (Fla)  
2:55:30\* Chuck Copp (22, Kans)  
2:55:30\* Dave Copp (18, Kans)  
2:55:39 Wayne Zook (55, Cal)  
2:55:45 Richard Packard (44, Mass)  
2:55:53\* Bill Sunberry (21, Ga)  
2:55:55 Dan Sheeran (Cal)  
2:56:06 Dennis Huffman (Cal)  
2:56:23 Bob Branch (Cal)  
2:56:27 Dennis Lund (Cal)  
2:56:32\* David Bishop (21)  
2:56:38 Jim Holl (28, Cal)  
2:56:38 Lloyd Giddings (Cal)

2:56:38 Erwin Pena (Cal)  
2:56:47 Dave Edwards (jr, Ariz)  
2:56:47\* Jim Gaines (18)  
2:56:47\* Ralph Jones (22, Ala)  
2:56:48 Monty Montgomery (66, Ca)  
2:57:06 Glenn Vanderlinde (Cal)  
2:57:07\* Ernest Lange (Fla)  
2:57:07\* Ed Palmer (Fla)  
2:57:15 Jay Romais (Cal)  
2:57:22 John Garcia (54, Cal)  
2:57:23 Terry Umstead (Cal)  
2:57:27\* Jeff Howdeshell (Fla)  
2:57:35\* Mike Nichols (27, Kans)  
2:57:36\* Fran Benedict (26, Ga)  
2:57:40 Ray Temple (Ariz)  
2:57:50 Tim Flescher (Cal)  
2:57:50\* Rick Knox (Fla)  
2:57:54 John Evans (Cal)  
2:57:57 Ted Jones (Cal)  
2:58:08 Thomas White (40+)  
2:58:38\* Terrill Pendleton (17, Mich)  
2:58:52 Tony Hanlon (jr, Cal)  
2:59:10 Ken Bozzell (Cal)  
2:59:10\* John Ernst (18, Kans)  
2:59:15 Mike Polizzi (Cal)  
2:59:20 Chris Heulings (Cal)  
2:59:30\* Bill Gates (28, Ga)  
2:59:32 Don MacIntosh (40, Cal)  
2:59:32 Bill Freedman (40+, Nev)  
2:59:40\* Jim Ochse (18, Kans)  
2:59:41\* Jerry Yuncker (17, Mich)  
2:59:42\* Scott Tichenor (18, Kans)  
2:59:58 Matt Cusack (Cal)

### Women

3:15:53 Jacqueline Hansen (Cal)  
3:18:28 Eileen Waters (27, Cal)  
3:20:22 Donna Souza (Cal)  
3:28:17 Katie Cakebread (Cal)  
3:29:22 Lois Murphy (Cal)  
3:38:08 Linda Datz (Cal)  
3:43:00 Sharon O'Halloran (Cal)  
3:50:17 Carolyn Miyashiro (Cal)  
4:13:00\* Gayle Barron (27, Ga)  
4:34:37 Jane Janousek (Cal)  
4:39:16 Gloria Bassler (Cal)  
4:39:16 Doris Filler (40, Cal)

### Ages 9-under

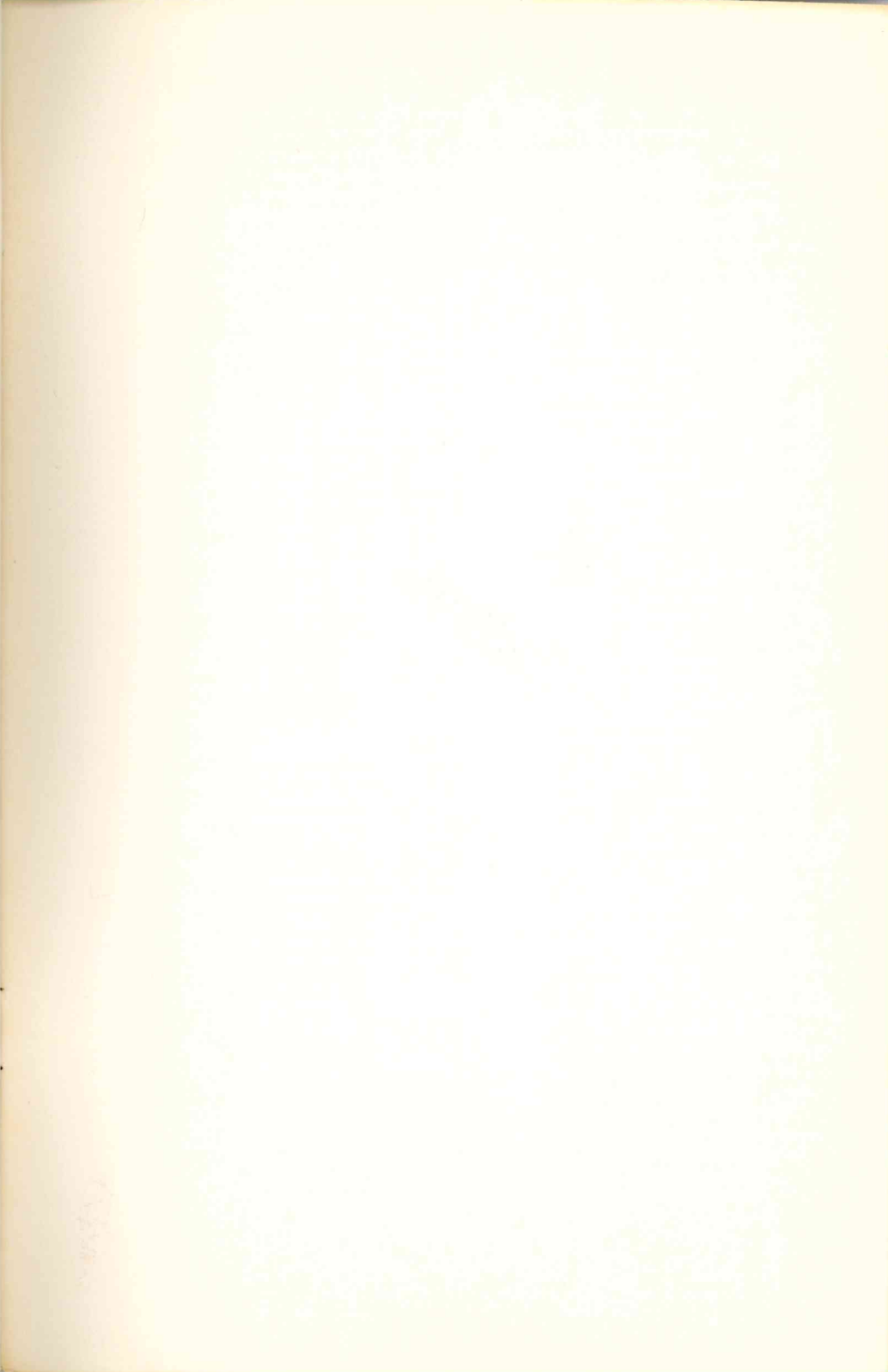
4:09:17 Tom Bassler (8, Cal)

### Ages 12-13

3:04:11\* Mark Waterbury (13, Fla)

### Canada

2:34:28 Colin O'Brien







... Frank Shorter, Kenny Moore and Jack Bachelier are the peak of a very strong pyramid in US long distance running. They spring from a growing base of between 3000 and 5000 marathoners. This is a booklet for and about all of them—how fast they run, where they can run, and how they can run faster. A superb collection of practical material, including a long chapter of feature articles, results from 1972, schedules for 1973. Special supplement on the Runner's World 24-hour relay.

**COVER PHOTO:** One side of road racing—the mixed bag of people making a happy start at Boston (the woman is Elaine Pedersen, second female finisher in the 1972 race; photo by Jeff Johnson)

**PHOTO LEFT:** The other side of the sport—the all-alone serious concentration that comes as the miles begin adding up. (The runner is Gary Dobrenz at Culver City; photo by Stan Pantovic)